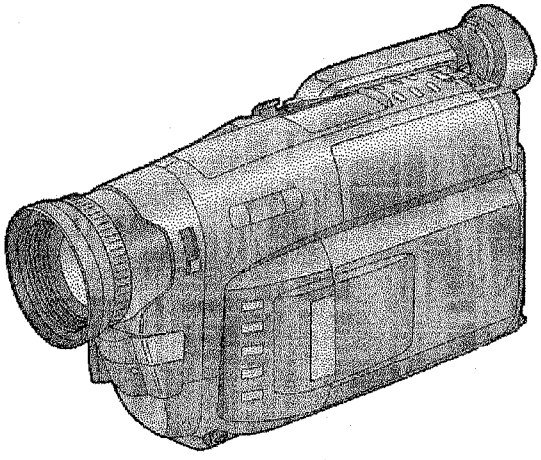
ORDER NO. VMD9903012A8

Service Manual

VHS-C Movie

NV-VX37EN/ENH/A
NV-VX54B
NV-VX57EG/E/EN
/ENH/A
DL-MECHANISM

Simplified



SPECIFICATIONS

SPECIFICATIONS

ITEM	SPECIFICATION
POWER	Source: Battery Pack; 7.2 V DC AC Adaptor; 7.9 V DC Consumption (Battery Operation) ; 5.1 W (When using Finder) ; 6.1 W (When using LCD Monitor)
VIDEO RECORDING SYSTEM	4 rotary heads, helical scanning system PAL
TAPE FORMAT	VHS-C Cassette Tape (Tape width 12.7 mm)
TAPE SPEED	SP mode : 23.3 mm/s LP mode : 11.7 mm/s (Except NV-VX57EG/E) Record/Playback Time: SP mode ; 1 hour with NV-EC60 LP mode ; 2 hours with NV-EC60 (Except NV-VX57EG/E) FF/REW Time: less than 6.5 min. with NV-EC45XG
CAMERA	PICK-UP ELEMENT: CCD (Charge Coupled Device)
	STANDARD ILLUMINATION: 1,400 lx
	MINIMUM REQUIRED ILLUMINATION: 0.7 lx (Low Light Mode)
	LENS: 22 : 1 Power Zoom Lens F1.6 Focal Length; 3.7-81.4 mm Digital AI Auto Focus/Auto Iris Filter Diameter ; 43 mm
	IMAGE SENSOR: 1/4-inch CCD Image Sensor
FINDER	0.5-inch Electronic Finder
MONITOR	2.5-inch Colour LCD Monitor (NV-VX37EN/ENH/A Only) 3-inch Colour LCD Monitor (Except NV-VX37EN/ENH/A)

ITEM	SPECIFICATION
VIDEO	HEADS: 4 Rotary heads, 1 flying erase head
	OUTPUT: PHONO CONNECTOR; 1.0 Vp-p 75 Ω terminated
AUDIO	HEADS: 1 Stationary head (Normal-Mono)
	OUTPUT: PHONO CONNECTOR; -6 dB (47kΩ loaded)/less than 1 kΩ INPUT: MIC IN; -70dBV, 4.7kΩ or more, unbalanced
OPERATING TEMPERATURE	0-40 °C
OPERATING HUMIDITY	10-80 %
WEIGHT	Approx. 860g (without Battery Pack): NV-VX37EN/ENH/A Only Approx. 870g (without Battery Pack): Except NV-VX37EN/ENH/A
DIMENSIONS	102 (W) X 127 (H) X 263 (D) mm
STANDARD ACCESSORIES	1 pc. AC Adaptor 1 pc. Battery Pack 1 pc. Cassette Adaptor (Except NV-VX54B) 1 pc. Shoulder Strap 1 pc. DC Output Cable 1 pc. Battery for Cassette Adaptor (Except NV-VX54B) 1 pc. AC Cord 1 pc. AV Cord 1 pc. Remote Controller 1 pc. Cleaning Tissue 2 pc. Battery for Remote Controller 1 pc. 21-Pin Adaptor (NV-VX57EG/E Only)

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

1. INTRODUCTION

1.1. INTRODUCTION 1

This service manual contains technical information which wll allow service personnel's to understand and service the VHS-C Movie model NV-VX37, VX54 and VX57 series.
This service manual is based on NV-RX64/67 series.
So, please refer to the NV-RX64/67 series Service Manual Order No. : VMD9903005C8

Note 1:

Adjustment procedure for Mechanism-Chassis is separate volume.
Please refer to following manual for detail of adjustment procedure for Mechanism-Chassis.
Order number for adjustment procedure of Mechanism-Chassis. : VMD9412M130

Note 2:

These movie camera uses AC Adaptor are VSK0541 & VSK0545.
VSK0541 : Used by NV-VX37EN/ENH, NV-VX54B and NV-VX57EG/E/EN/ENH.
VSK0545 : Used by NV-VX37A and NV-VX57A.
The service manual for AC Adaptor is separate volume.
Order number for AC Adaptor VSK0541 (VW-AS7) : VMD9812066C8
Order number for AC Adaptor VSK0545 : VMD9903013A8

1.2. INTRODUCTION 2

Note 1:

NV-VX37EN
NV-VX37EN series has to versions depends on countries.
Detail as follows.

Model No. (Version)	NV-VX37EN	NV-VX37ENH
PACKING CASE	VPG9905	VPG9906
AC CORD	VJA0664	VJA0940

Note 2:

NV-VX57EN
NV-VX57EN series has to versions depends on countries.
Detail as follows.

Model No. (Version)	NV-VX57EN	NV-VX57ENH
PACKING CASE	VPG9910	VPG9911
AC CORD	VJA0664	VJA0940

2. COMPARISON CHART

2.1. COMPARISON CHART FOR NV-VX37 & NV-RX67 SERIES

This chart described different part from the original model to new model as shown below.
Original Model : NV-RX67 series
New Model : NV-VX37 series

NOTE: IMPORTANT NOTICE
Components identified with ⚠ have special characteristics for safety.
When replacing any components, use only the same parts.

Comparison chart : NV-VX37 & NV-RX67 series.
Comparison chart of Mechanical replacement parts. <A>...Added, <C>...Changed, <D>...Deleted.

Parts No. for NV-RX67	Parts No. for NV-VX37	Pcs/ Set	Parts Name & Description	Remar
EG1486	VEG1486	1	CYLINDER U.	
YQ1753	VYQ1758	1	MAIN FRAME U.	
YK8851	VYK8940	1	FRONT CASE (1) U.	
	VKM5206	1	SIDE CASE (L)	
YK8843	VYK8938	1	CASSETTE COVER (1) U.	
GU8068	VGU7603	1	CASSETTE LOCK BUTTON	
YK9031	VKM5198	1	SIDE CASE (R)	
KM5130	VKM5219	1	TOP CASE	
KF3020	VKF3089	1	CURSOR	
XU1519	VXU1540	1	VTR OP. U.	
GQ5183	—	1-0	LCD PANEL HOLDER	
GQ5314	—	1-0	LCD PANEL BARRIER	
SL0517	—	1-0	LCD PANEL U.	
XU1523	VXU1527	1	CAMERA OP. U.	
XP1945	VXP1936	1	MF RING U.	
QN2+CF7FZ	XQN2+CF55FN	2	SCREW	
QN2+CJ6FZ	XQN2+CJ6FZ	13-12	SCREW	
QN2+CJ8F	XQN2+CJ8FN	1	SCREW	
QN2+BJ4	—	8-0	SCREW	
	VKW2607	0-1	DIGITAL WINDOW	
	VGQ4546	0-1	STAND	
	VGQ4772	0-1	STAND HOLDER	
	VMC1254	0-1	STAND SPRING	
	EDTCA29QA0	0-1	LCD MODULE	
	VEK8266	0-1	BACK LIGHT U.	
	VGQ3457	0-1	PROTECT SHEET	
	VGQ5340	0-1	LCD SPACER	
	VMP5893	0-1	HINGE MOUNT PLATE	
	VMZ2886	0-1	INSULATION SHEET	
	VSC4869	0-1	LCD SHIELD PLATE	
	VEE0F36	0-1	MONITOR CONNECTOR U.	
	VGQ4775	0-1	WIRE PROTECTION PIECE	

Parts No. for NV-RX67	Parts No. for NV-VX37	Pcs/ Set	Parts Name & Description	Remar
	VGQ4854	0-1	WIRE BLINDING SHEET	
	VGQ5308	0-1	HINGE COVER (UPPER)	
	VGQ5309	0-1	HINGE COVER (LOWER)	
	VXD0297	0-1	LCD ROTATION HINGE (1) U.	
	VKM5111	0-1	LCD CASE (LOWER)	
	VGQ5196	0-1	LCD LOCK LEVER	
	VHD1093	0-1	LCD LOCK SHAFT	
	VMB3145	0-1	LCD LOCK SPRING	
	VMP5617	0-1	LCD LOCK PLATE	
	VGQ5195	0-1	HINGE HOLDER	
	VSQ1041	0-2	LCD ROTATION MAGNET	
	VGQ4826	0-1	PROTECT SHEET	
	VYK9083	0-1	LCD CASE (UPPER) 1U.	
	VGQ5386	0-1	WIRE BARRIER	
	VMP5616	0-1	HINGE HOLDER FIX PLATE	
	VGQ4904	0-1	PROTECTION BARRIER	
	VMZ2821	0-1	BARRIER	
	VEK8401	0-1	SPEAKER U.	
	VMC1085	0-1	SPEAKER HOLDER	
	VHD0768	0-3	SCREW	
	XQN2+BJ5	0-4	SCREW	
	XQN2+AJ4	0-6	SCREW	
	XQN2+BF4FZ	0-3	SCREW	
	XQN2+B35FN	0-4	SCREW	
	XQN2+CF4	0-1	SCREW	
	XQN2+BJ6	0-4	SCREW	
	XQN2+CJ6FN	0-1	SCREW	
	XQN2+CJ8	0-1	SCREW	
PN5109	VPN5156	1	CUSHION (LOWER)	
	VPG9905	1	PACKING	NV-VX37EN
	VPG9906	1	PACKING	NV-VX37ENH
	VPG9907	1	PACKING	NV-VX37A
JA0664	VJA0664	1	AC CORD	NV-VX37EN
JA0940	VJA0940	1	AC CORD	NV-VX37ENH
	VJA0754	1	AC CORD	NV-VX37A
PN5108	VPN5108	1	ACCESSORIES BOX	
	VQT8037	1	OPERATING INSTRUCTIONS	NV-VX37EN/ENH
			(ENGLISH/CHINESE/RUSSIAN/ARABIC)	
	VQT8038	1	OPERATING INSTRUCTIONS	NV-VX37A
			(ENGLISH)	

Parts No. for NV-RX67	Parts No. for NV-VX37	Pcs/ Set	Parts Name & Description	Remar
GQ6813	—	1-0	REMOTE CONTROLLER HOLDER	
EQ1697	EUR646570	1	REMOTE CONTROLLER	
JF1262	—	1-0	BATTERY COVER	
	VFC1792	0-1	CLEANING TISSUE	

Comparison chart of Electrical replacement parts. <A>...Added, <C>...Changed, <D>...Deleted.

Ref. No.	Parts No. for NV-RX67	Parts No. for NV-VX37	Pcs/ Set	Parts Name & Description	Remarks
	VEP23474C	VEP23474F	1	CAMERA/MAIN C.B.A.	(RTL)
	—	VEP26215A	0-1	MONITOR C.B.A.	(RTL)
	—	VEP06C50A	0-1	SENSOR FLEX. CARD	(RTL)
	VEP00Z89A	—	1-0	SMALL LCD DRIVE C.B.A.	
	VEK8615	VEK8760	1	MIC UNIT	

2.2. COMPARISON CHART FOR NV-VX54/57 & NV-RX64/67 SERIES

This chart described different part from the original model to new model as shown below.
Original Model : NV-RX64/RX67 series
New Model : NV-VX54/VX57 series

NOTE: IMPORTANT NOTICE
Components identified with ⚠ have special characteristics for safety.
When replacing any components, use only the same parts.

Comparison chart : NV-VX54/57 & NV-RX64/67 series.
Comparison chart of Mechanical replacement parts. <A>...Added, <C>...Changed, <D>...Deleted.

Parts No. for NV-RX64/67	Parts No. for NV-VX54/57	Pcs/ Set	Parts Name & Description	Remarks
EG1485	VEG1485	1	CYLINDER U.	NV-VX57EG/E
EG1486	VEG1486	1	CYLINDER U.	EXCEPT NV-VX57E
YQ1753	VYQ1759	1	MAIN FRAME U.	NV-VX54B, VX57EG/
	VYQ1758	1	MAIN FRAME U.	NV-VX57EN/ENH/A
YK8851	VYK8940	1	FRONT CASE (1) U.	
YK9069	VYK9071	1	SIDE CASE (L) (1) U.	NV-VX54B, VX57EG/
	VKM5206	1	SIDE CASE (L)	NV-VX57EN/ENH/A
YK8843	VYK8947	1	CASSETTE COVER (1) U.	EXCEPT NV-VX54B
YK8844	VYK8952	1	CASSETTE COVER (1) U.	NV-VX54B
GU8068	VGU7603	1	CASSETTE LOCK BUTTON	
YK9031	VYK9128	1	SIDE CASE (R) 1U.	NV-VX54B, VX57EG/
	VKM5198	1	SIDE CASE (R)	NV-VX57EN/ENH/A
KM5130	VKM5219	1	TOP CASE	
KF3020	VKF3089	1	CURSOR	
XU1519	VXU1540	1	VTR OP. U.	EXCEPT NV-VX57E
XU1520	VXU1541	1	VTR OP. U.	NV-VX57EG/E
GQ5183	—	1-0	LCD PANEL HOLDER	
GQ5314	—	1-0	LCD PANEL BARRIER	
SL0517	—	1-0	LCD PANEL U.	
XU1523	VXU1527	1	CAMERA OP. U.	
XP1945	VXP1936	1	MF RING U.	
QN2+CF7FZ	XQN2+CF55FN	2	SCREW	
QN2+CJ6FZ	XQN2+CJ6FZ	13-12	SCREW	
QN2+CJ8F	XQN2+CJ8FN	1	SCREW	
QN2+BJ4	—	8-0	SCREW	
	VKW2607	0-1	DIGITAL WINDOW	
	VGQ4546	0-1	STAND	
	VGQ4772	0-1	STAND HOLDER	
	VMC1254	0-1	STAND SPRING	
	EDTCA22QA0	0-1	LCD MODULE	
	VEK8174	0-1	BACK LIGHT U.	
	VGQ3457	0-1	PROTECT SHEET	
	VMP5893	0-1	HINGE MOUNT PLATE	
	VMZ2886	0-1	INSULATION SHEET	
	VSC4870	0-1	LCD SHIELD PLATE	
	VEE0F36	0-1	MONITOR CONNECTOR U.	
	VGQ4775	0-1	WIRE PROTECTION PIECE	
	VGQ4854	0-1	WIRE BLINDING SHEET	
	VGQ5308	0-1	HINGE COVER (UPPER)	
	VGQ5309	0-1	HINGE COVER (LOWER)	

Parts No. for NV-RX64/67	Parts No. for NV-VX54/57	Pcs/ Set	Parts Name & Description	Remarks
	VXD0297	0-1	LCD ROTATION HINGE (1) U.	
	VKM5112	0-1	LCD CASE (LOWER)	
	VGQ5196	0-1	LCD LOCK LEVER	
	VHD1093	0-1	LCD LOCK SHAFT	
	VMB3145	0-1	LCD LOCK SPRING	
	VMP5617	0-1	LCD LOCK PLATE	
	VGQ5195	0-1	HINGE HOLDER	
	VSQ1041	0-2	LCD ROTATION MAGNET	
	VGQ4826	0-1	PROTECT SHEET	
	VYK9084	0-1	LCD CASE (UPPER) 1U.	NV-VX57EG/E
	VYK9085	0-1	LCD CASE (UPPER) 1U.	NV-VX54B
	VYK9086	0-1	LCD CASE (UPPER) 1U.	NV-VX57A/EN/ENH
	VGQ5386	0-1	WIRE BARRIER	
	VMP5616	0-1	HINGE HOLDER FIX PLATE	
	VGQ4904	0-1	PROTECTION BARRIER	
	VMZ2821	0-1	BARRIER	
	VEK8401	0-1	SPEAKER U.	
	VMC1085	0-1	SPEAKER HOLDER	
	VHD0768	0-3	SCREW	
	XQN2+BJ5	0-4	SCREW	
	XQN2+AJ4	0-6	SCREW	
	XQN2+BF4FZ	0-3	SCREW	
	XQN2+B35FN	0-4	SCREW	
	XQN2+CF4	0-1	SCREW	
	XQN2+BJ6	0-4	SCREW	
	XQN2+CJ6FN	0-1	SCREW	
	XQN2+CJ8	0-1	SCREW	
PN5109	VPN5156	1	CUSHION (LOWER)	
PG9822	VPG9908	1	PACKING	NV-VX57EG
PG9823	VPG9909	1	PACKING	NV-VX54B
PG9936	VPG9932	1	PACKING	NV-VX57E
	VPG9910	1	PACKING	NV-VX57EN
	VPG9911	1	PACKING	NV-VX57ENH
	VPG9912	1	PACKING	NV-VX57A
JA0664	VJA0664	1	AC CORD	NV-VX57EG/E/EN
JA0940	VJA0940	1	AC CORD	NV-VX54B, NV-VX57
	VJA0754	1	AC CORD	NV-VX57A
PN5108	VPN5108	1	ACCESSORIES BOX	NV-VX57EG/E/A/EN/
PN5108	VPN5178	1	ACCESSORIES BOX	NV-VX54B

Parts No. for NV-RX64/67	Parts No. for NV-VX54/57	Pcs/ Set	Parts Name & Description	Remarks
QT7857	VQT8039	1	OPERATING INSTRUCTIONS	NV-VX57EG/E
			(GERMAN/FRENCH/DUTCH/DANISH)	
QT7859	VQT8041	1	OPERATING INSTRUCTIONS	NV-VX54B
			(ENGLISH)	
QT7858	VQT8040	1	OPERATING INSTRUCTIONS	NV-VX57E
			(ITALIAN DUTCH/DANISH/SWEDISH)	
	VQT8037	1	OPERATING INSTRUCTIONS	NV-VX57EN/ENH
			(ENGLISH/CHINESE/RUSSIAN/ARABIC)	
	VQT8038	1	OPERATING INSTRUCTIONS	NV-VX57A
			(ENGLISH)	
GQ6813	—	1-0	REMOTE CONTROLLER HOLDER	
EQ1697	EUR646570	1	REMOTE CONTROLLER	
JF1262	—	1-0	BATTERY COVER	
	VFA0152	0-1	21-PIN ADAPTOR	NV-VX57EG/E
	VFC1792	0-1	CLEANING TISSUE	

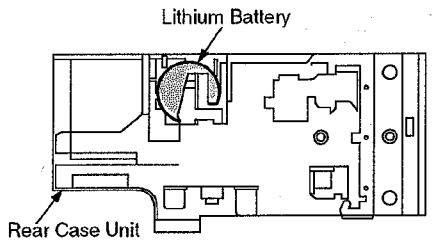
Comparison chart of Electrical replacement parts. <A>...Added, <C>...Changed, <D>...Deleted.

	Ref. No.	Parts No. for NV-RX64/67	Parts No. for NV-VX54/57	Pcs/ Set	Parts Name & Description	Remarks	
		VEP23474C	VEP23474K	1	CAMERA/MAIN C.B.A.	(RTL) NV-VX57EG/E	<C>
			VEP23474M	1	CAMERA/MAIN C.B.A.	(RTL) NV-VX54B	<C>
			VEP23474F	1	CAMERA/MAIN C.B.A.	(RTL) NV-VX57EN/ENH/A	<C>
		—	VEP26215A	0-1	MONITOR C.B.A.	(RTL)	<A>
		—	VEP06C50A	0-1	SENSOR FLEX.CARD	(RTL)	<A>
		VEP00Z89A	—	1-0	SMALL LCD DRIVE C.B.A.		<D>
		VEK8615	VEK8760	1	MIC UNIT		<C>

3. HOW TO REPLACE THE LITHIUM BATTERY (PROCEDURE)

1. Remove the Rear Case Unit.
   (Remove the 1 Screw from Rear Case Unit)
2. Remove the Lithium Battery "ML2020" and then replace the new one. (See Fig. B1.)

Fig. B1



Note:

The lithium battery is a critical component. (Type No.: ML2020 Manufactured by Panasonic.)
It must never be subjected to excessive heat or discharge.
It must therefore only be fitted in equipment designed specifically for its use.
Replacement batteries must be of the same type and manufacture.
They must be fitted in the same manner and location as the original battery, with the correct polarity contacts observed.
Do not attempt to re-charge the old battery or re-use it for any other purpose.
It should be disposed of in waste products destined for burial rather than incineration.

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the equipment manufacturer.
Discard used batteries according to manufacturer's instructions.

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens instruktion.

ADVARSEL!

Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandøren.

VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

4. DISASSEMBLY PROCEDURES

Flow-Chart for Disassembly Procedure

No.	Item/Part	Fig.	Removal (Screw)
1	Side Case (L) Unit	Fig.1	1-Screw (A) 2-Screws (B)
		Fig.2	6-Screws (C)
			1-Screw (D)
		Fig.3	2-Locking Tabs (a) Slightly open the Side Case (L) Unit. Disconnect P1001, FP6004 and P4101.
2	EVF Unit	Fig.4	4-Locking Tabs (b)
3	Cassette Cover Unit	Fig.5	2-Screws (E)
4	Side Case (R) Unit with VTR/Camera Operation Unit	Fig.6	2-Screws (F) 4-Locking Tabs (c) 1-Locking Tab (e) Slightly open the Side Case (R) Unit with VTR/Camera Operation Unit. Disconnect FP6003, FP6006, P601 and P602.
5	Front Case Unit	Fig.6	3-Locking Tabs (d)
6	Rear Case Unit	Fig.7	1-Screw (G) Disconnect PS1003 and PS3009. 1-Locking Tab (f)
7	Camera/Main C.B.A.	Fig.7	1-Screw (H) 2-Screws (I) Remove the Shield Case. Disconnect the following connectors; FP5001, FP6001, FP6002, PP301, FP2001, FP2002, FP701, FP4001, FP4002
8	Lens Unit	Fig.8	2-Screws (J)
9	Mechanism Unit	Fig.8	1-Screw (K) 1-Screw (L)
10	Eye Cap Unit	Fig.9	Turn the Eye Cap Unit counterclockwise and remove it.
11	E.V.F. C.B.A.	Fig.10	Turn the EVF Fixing Piece clockwise until you can see a Screw (M). 3-Locking Tabs (g)

No.	Item/Part	Fig.	Removal (Screw)
12	LCD Unit	Fig.11	Remove the Barrier. 4-Screws (N)
		Fig.12	2-Screws (O) Remove the Hinge Holder Unit and Hinge Mount Plate.
		Fig.13	4-Screws (P) Remove the LCD Case (Upper) Unit.
		Fig.14	Disconnect FP902. Remove the Sensor Flex. Card. Unsolder the lead wire from the Monitor C.B.A. Disconnect P901, P902 and FP901.
		Fig.15	1-Screw (Q) Remove the LCD Hinge Unit and Monitor C.B.A.
		Fig.16	Remove the Insulation Sheet. 1-Screw (R) Remove the LCD Shield Plate, Back Light Unit, LCD Module, LCD Spacer, LCD Case (Lower) Unit.

Fig.1

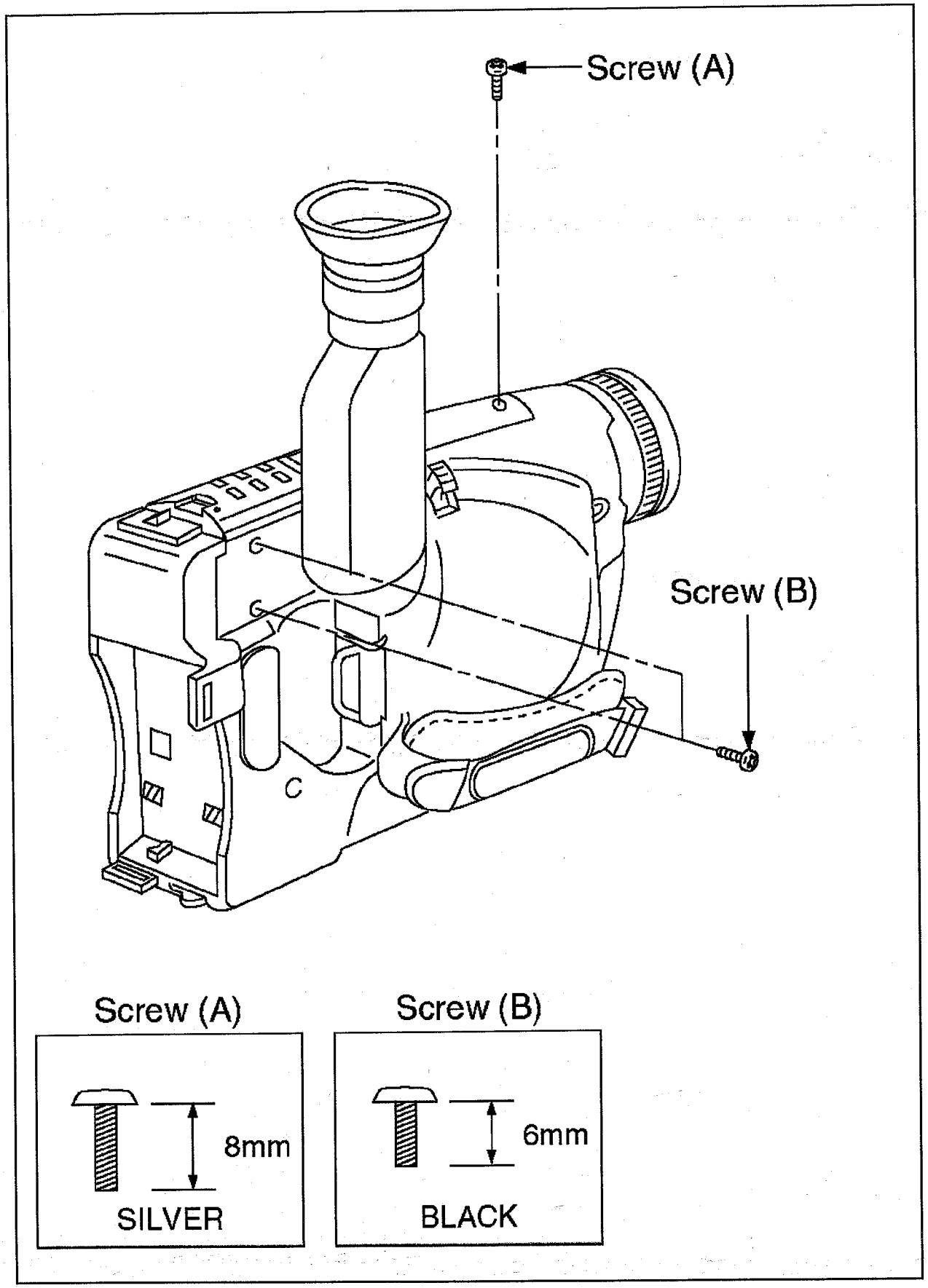

Screw (A)
Screw (B)
C
Screw (A)
8mm
SILVER
Screw (B)
6mm
BLACK

Fig.2

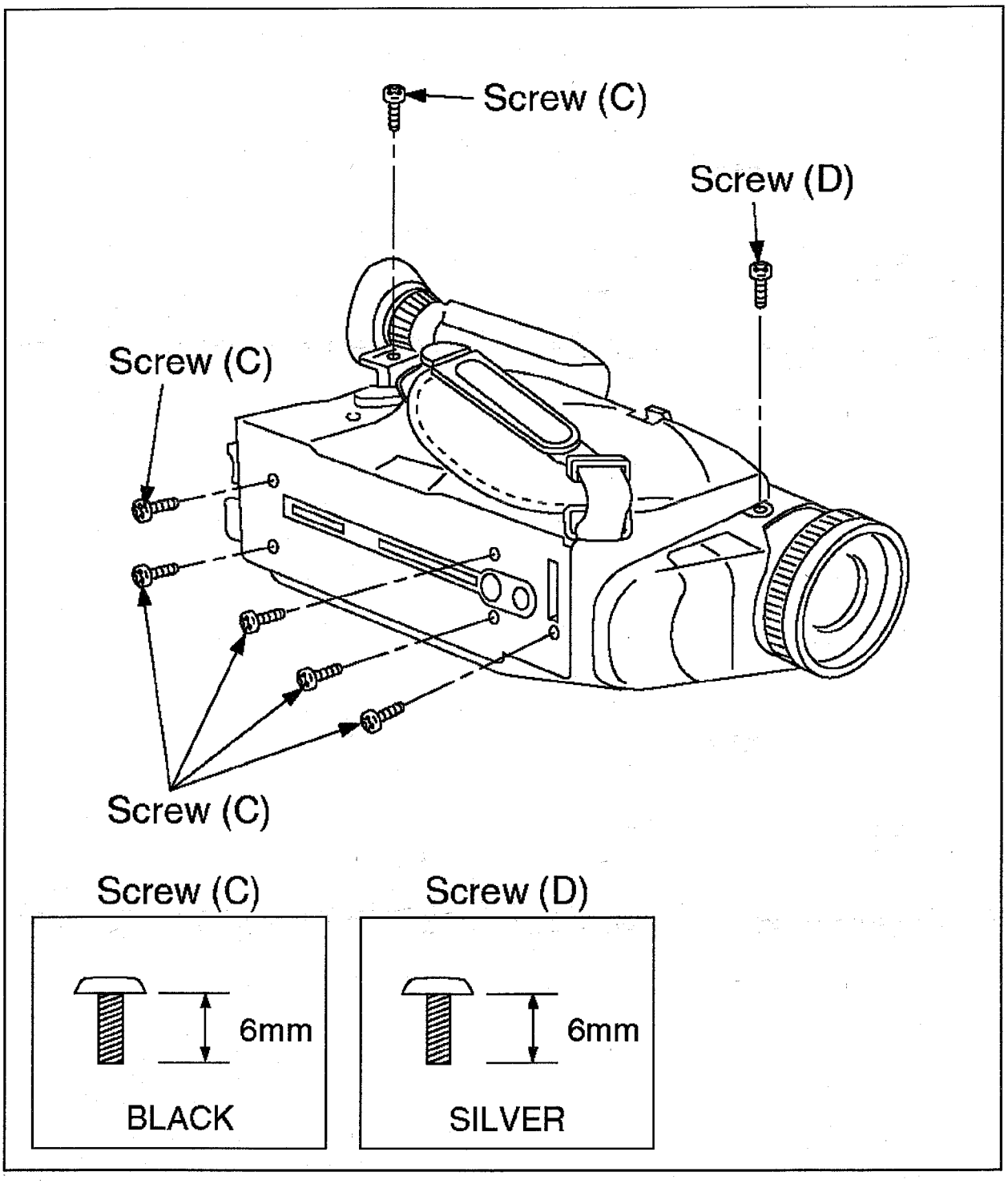

Screw (C)
Screw (D)
Screw (C)
Screw (C)
Screw (C)
6mm
BLACK
Screw (D)
6mm
SILVER

Fig.3

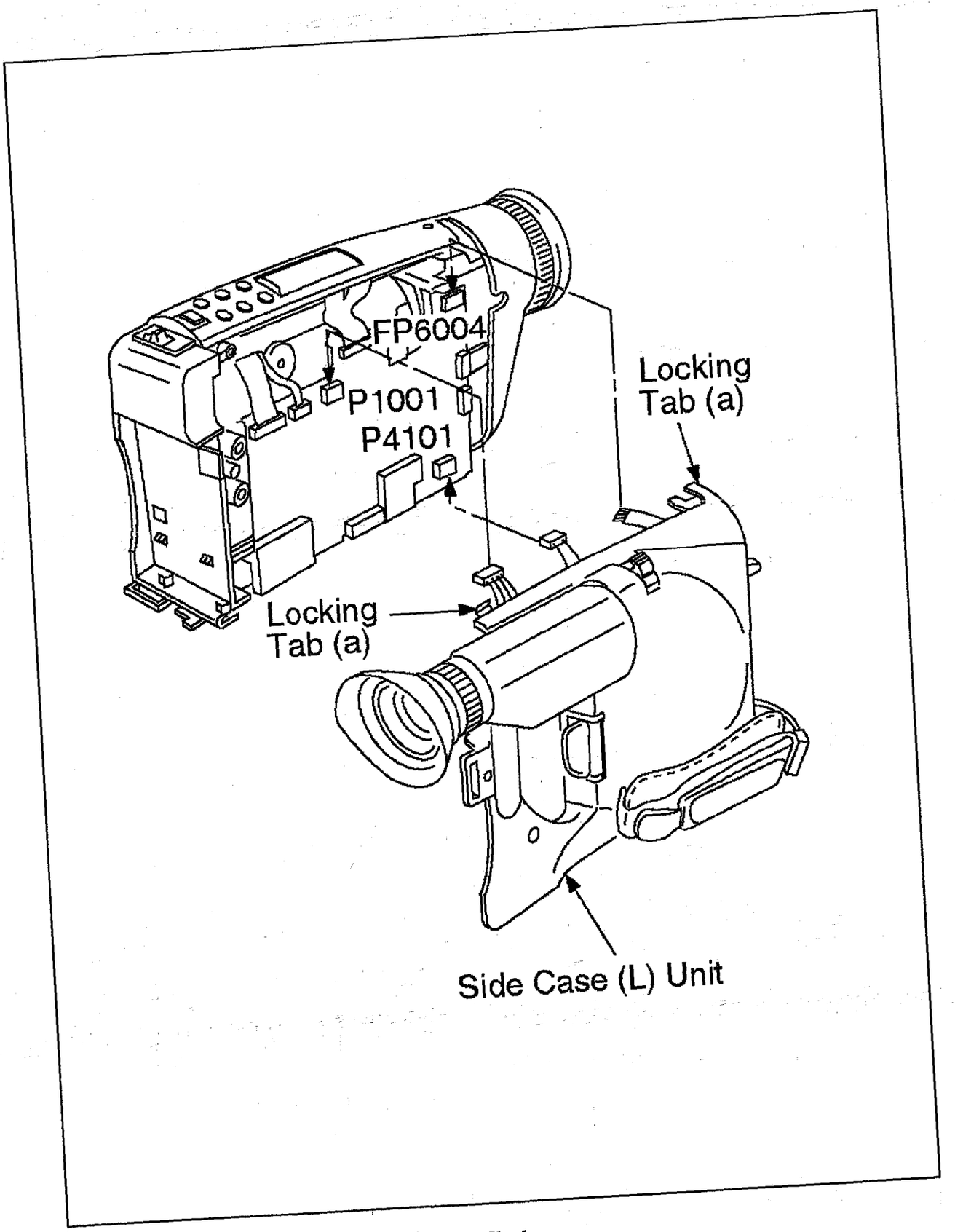

FP6004
P1001
P4101
Locking
Tab (a)
Locking
Tab (a)
Side Case (L) Unit

Fig.4

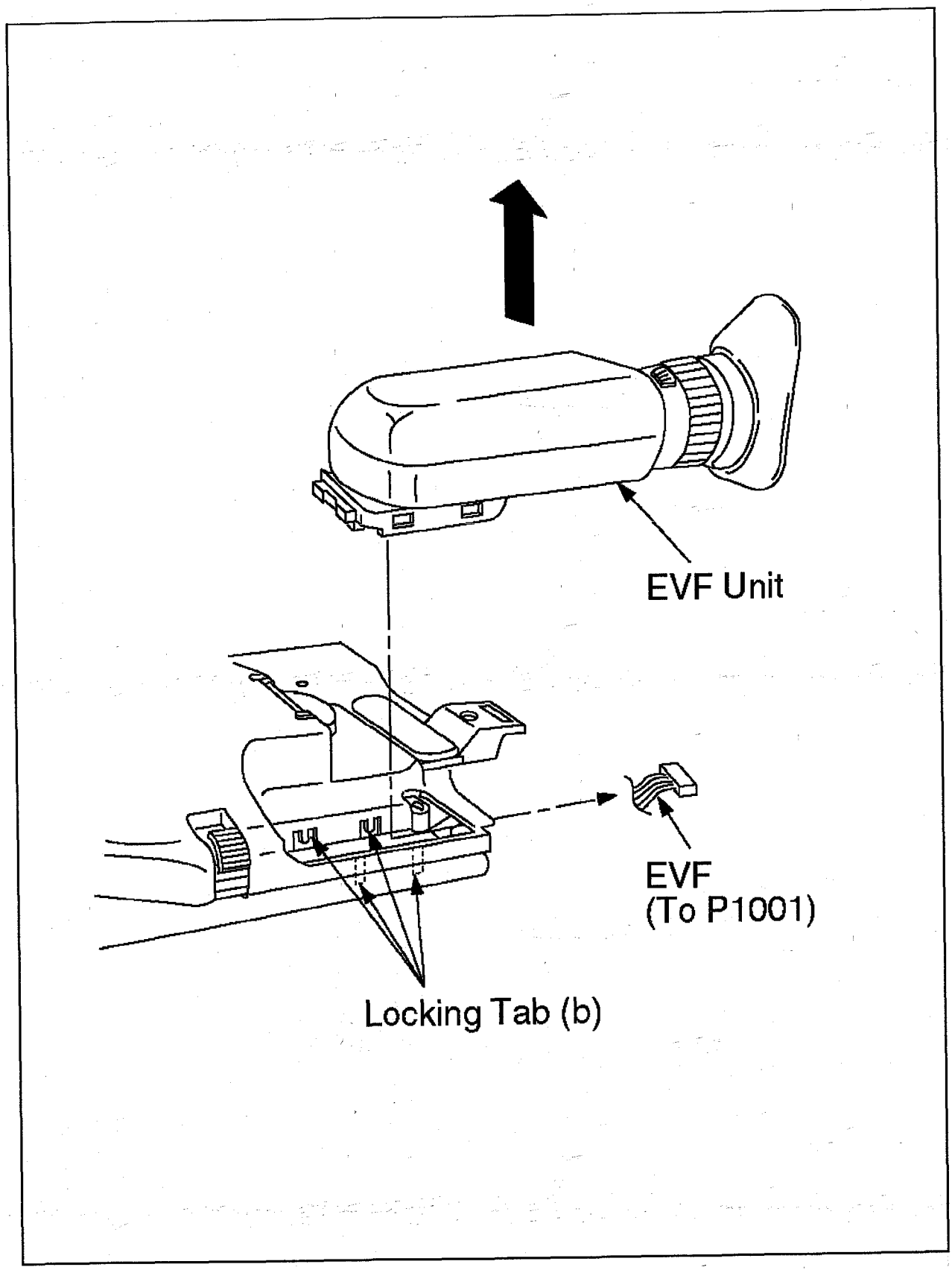


Fig.5

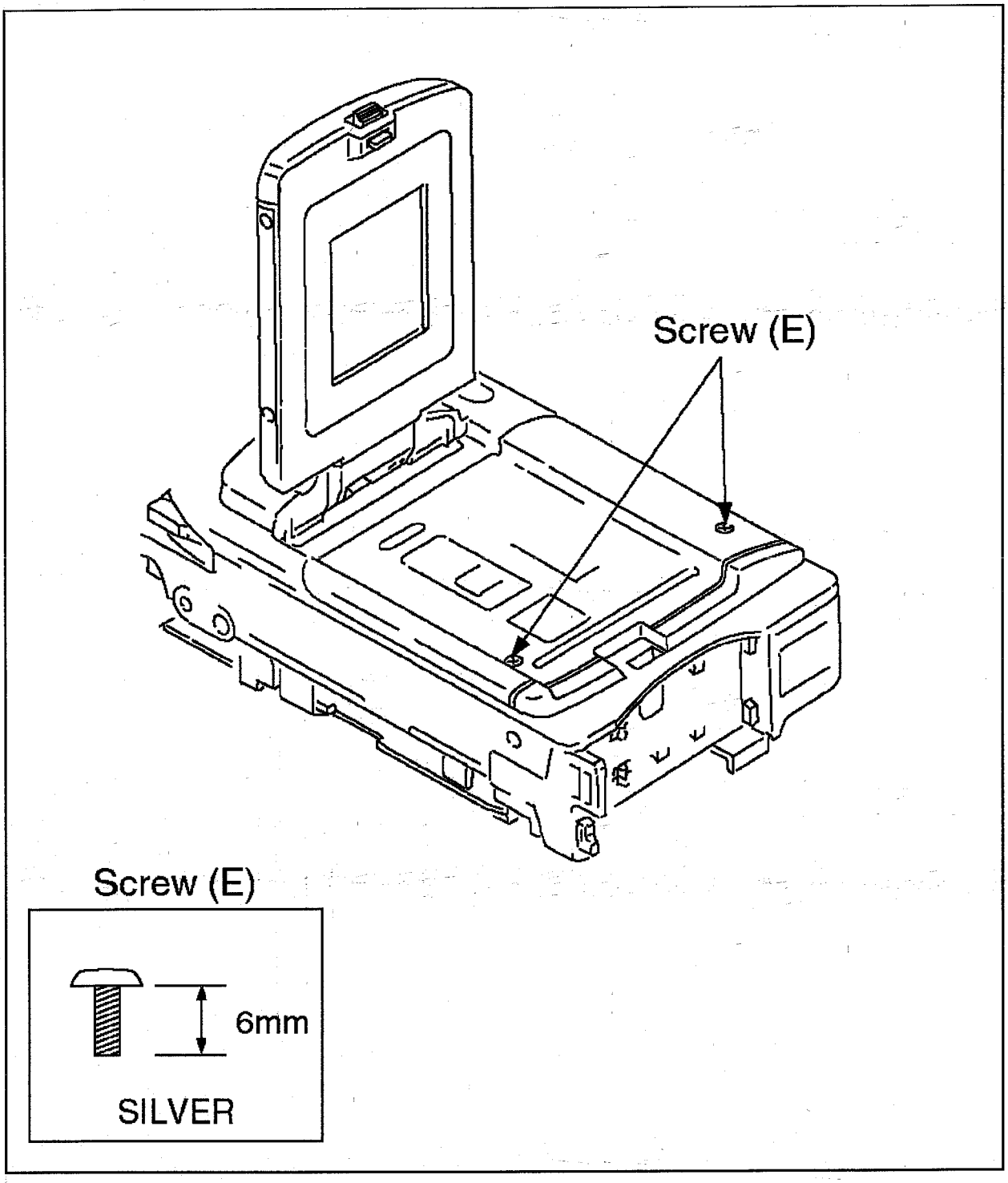
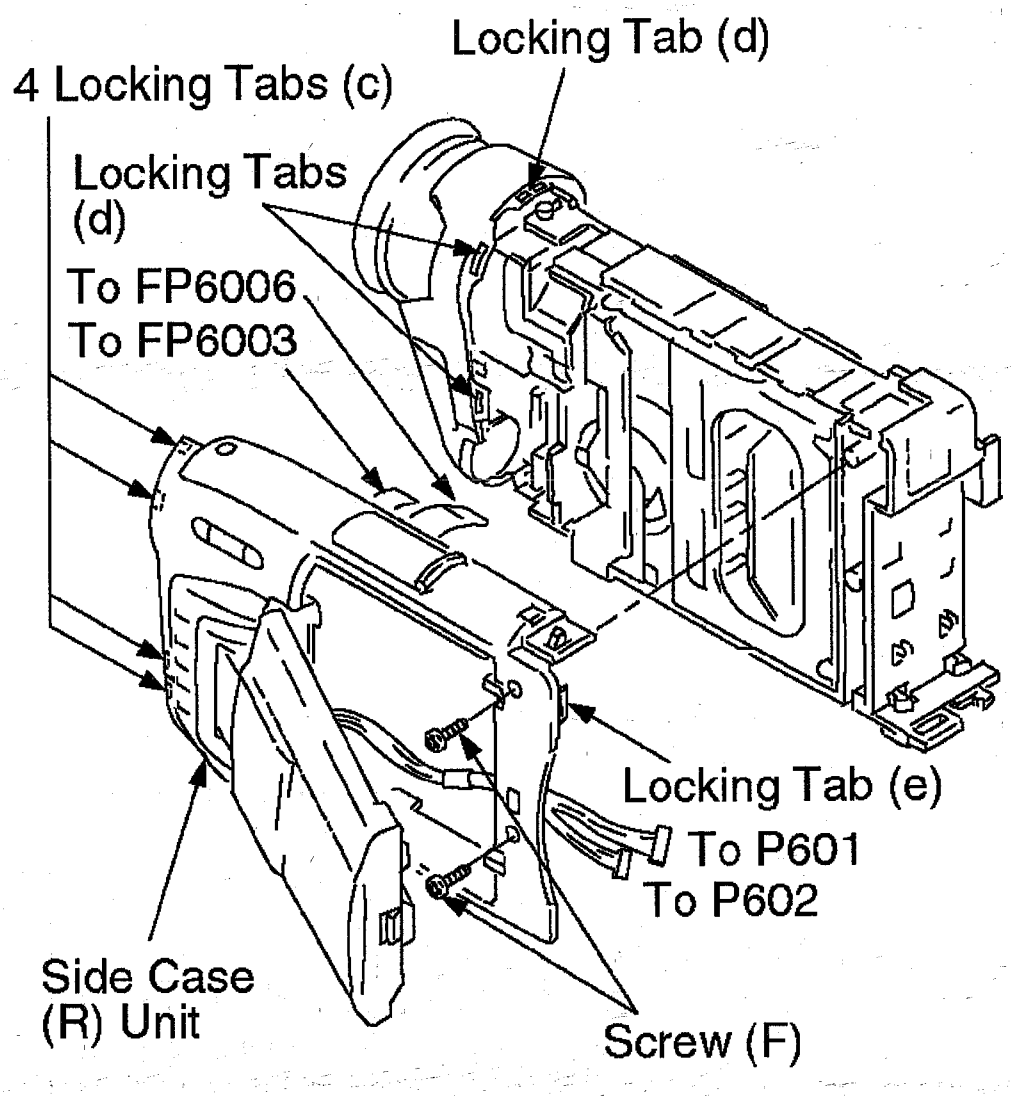


Fig.6


Locking Tab (d)
4 Locking Tabs (c)
Locking Tabs
(d)
To FP6006
To FP6003
Locking Tab (e)
To P601
To P602
Side Case
(R) Unit
Screw (F)

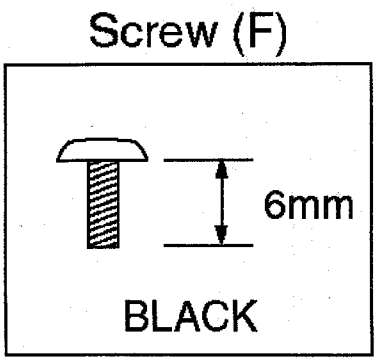
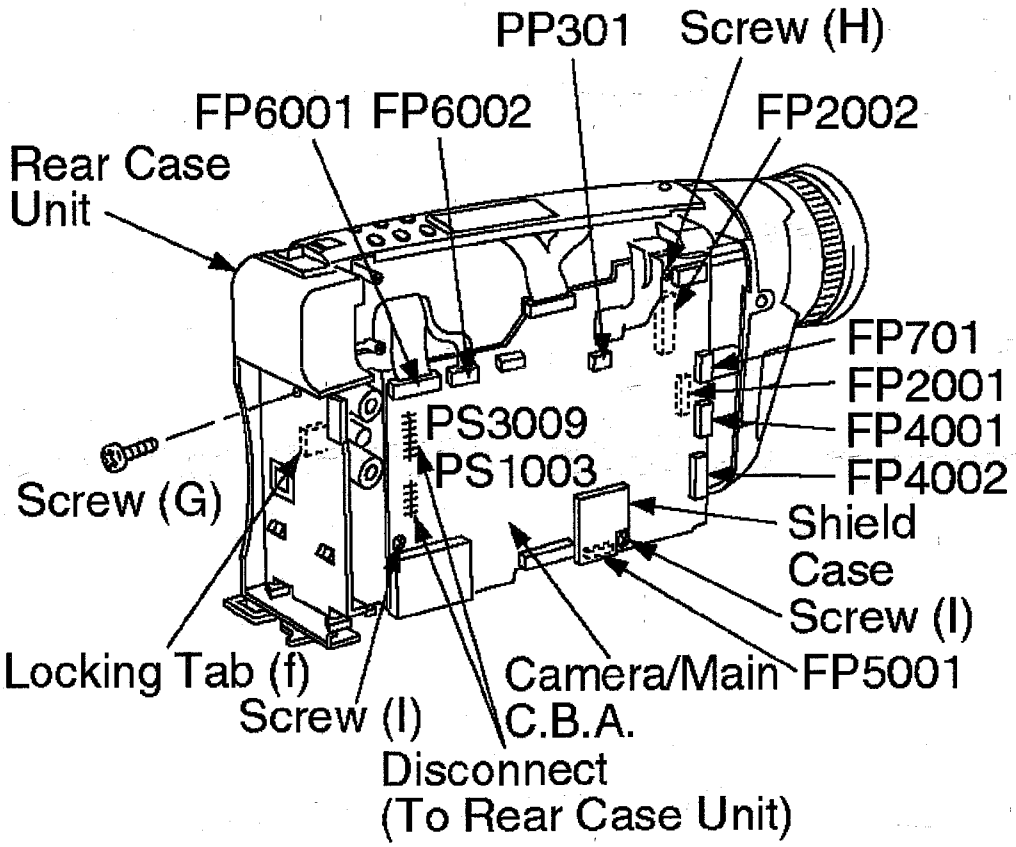

Screw (F)
6mm
BLACK

Fig.7


PP301
Screw (H)
FP6001 FP6002
FP2002
Rear Case
Unit
FP701
FP2001
FP4001
FP4002
PS3009
PS1003
Screw (G)
Shield
Case
Screw (I)
Locking Tab (f)
Screw (I)
Camera/Main
C.B.A.
FP5001
Disconnect
(To Rear Case Unit)

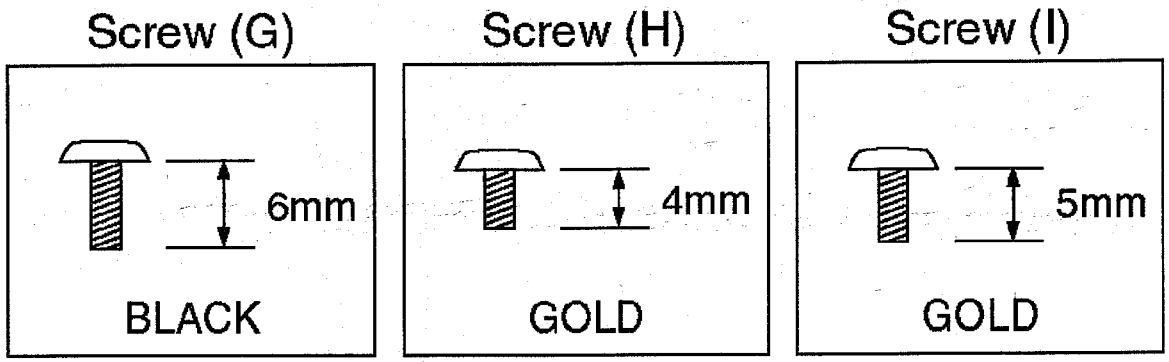

Screw (G)
6mm
BLACK
Screw (H)
4mm
GOLD
Screw (I)
5mm
GOLD

Fig.8

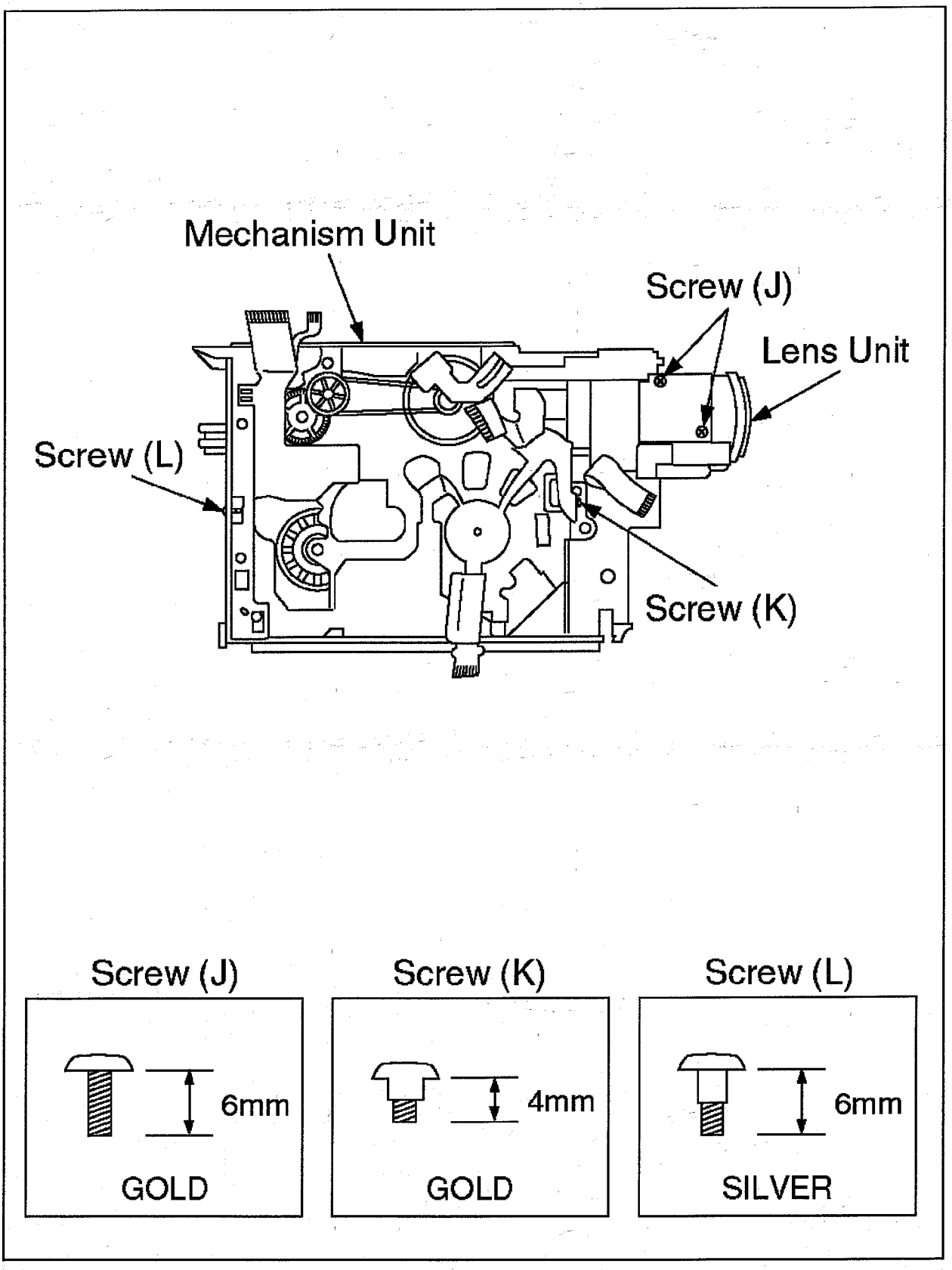

Mechanism Unit
Screw (J)
Lens Unit
Screw (L)
Screw (K)
Screw (J)
6mm
GOLD
Screw (K)
4mm
GOLD
Screw (L)
6mm
SILVER

Fig.9

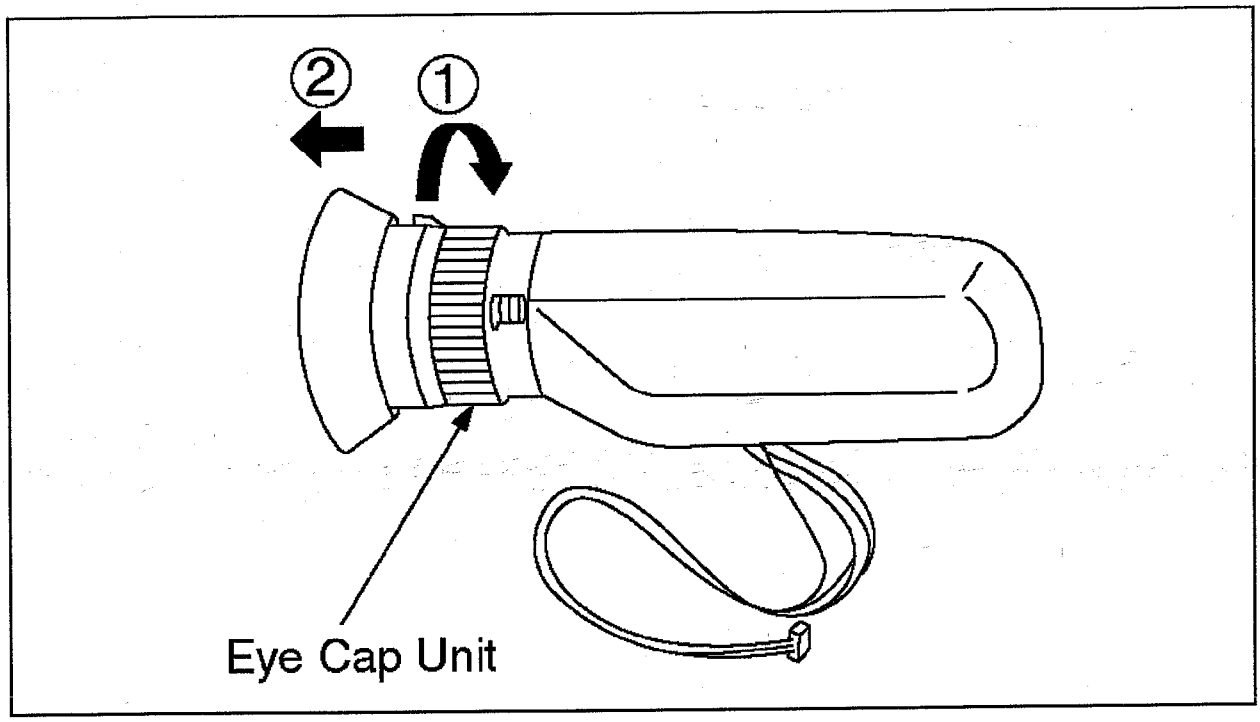

②
①
Eye Cap Unit

Fig.10

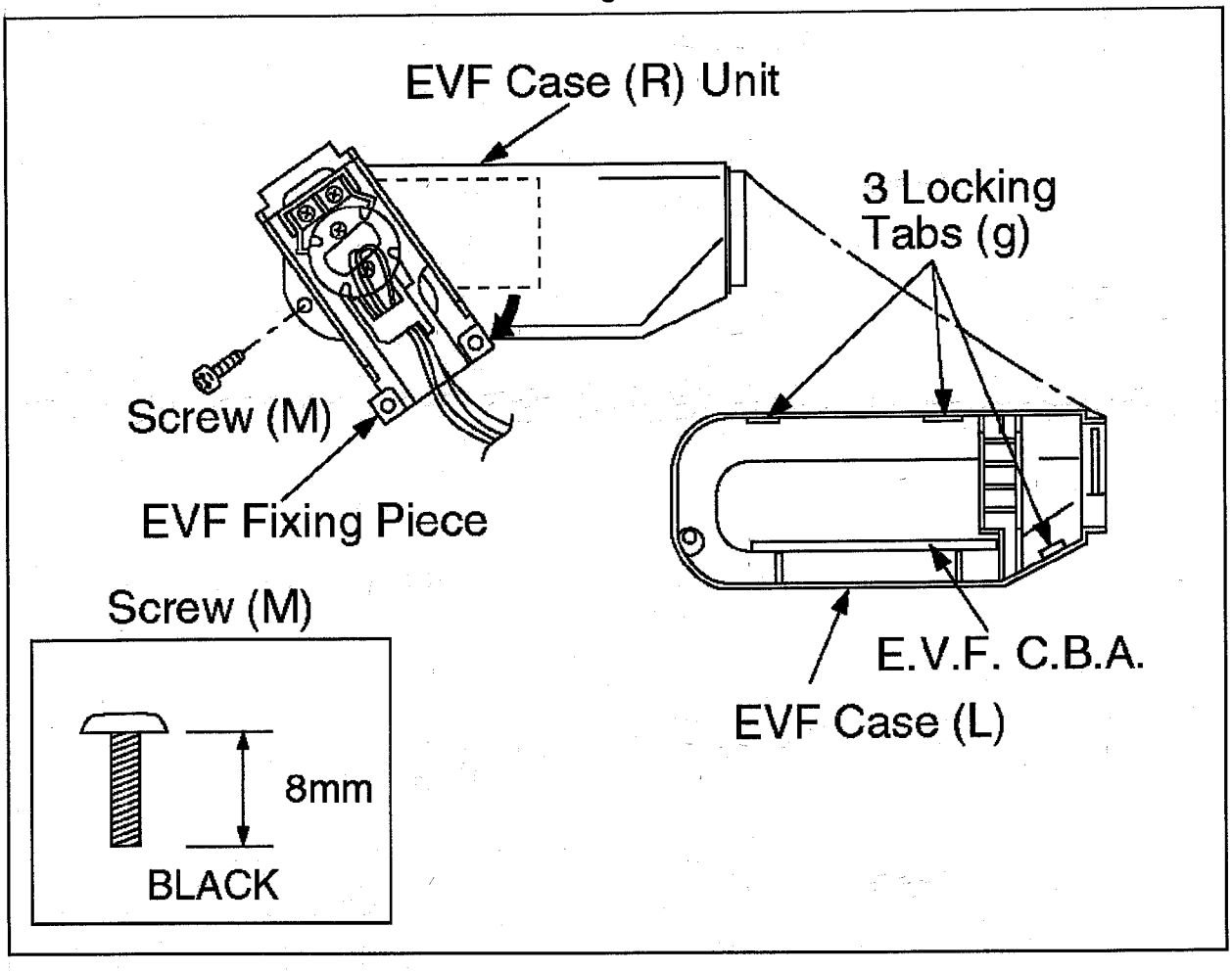

EVF Case (R) Unit
3 Locking Tabs (g)
Screw (M)
EVF Fixing Piece
Screw (M)
8mm
BLACK
E.V.F. C.B.A.
EVF Case (L)

Fig.11

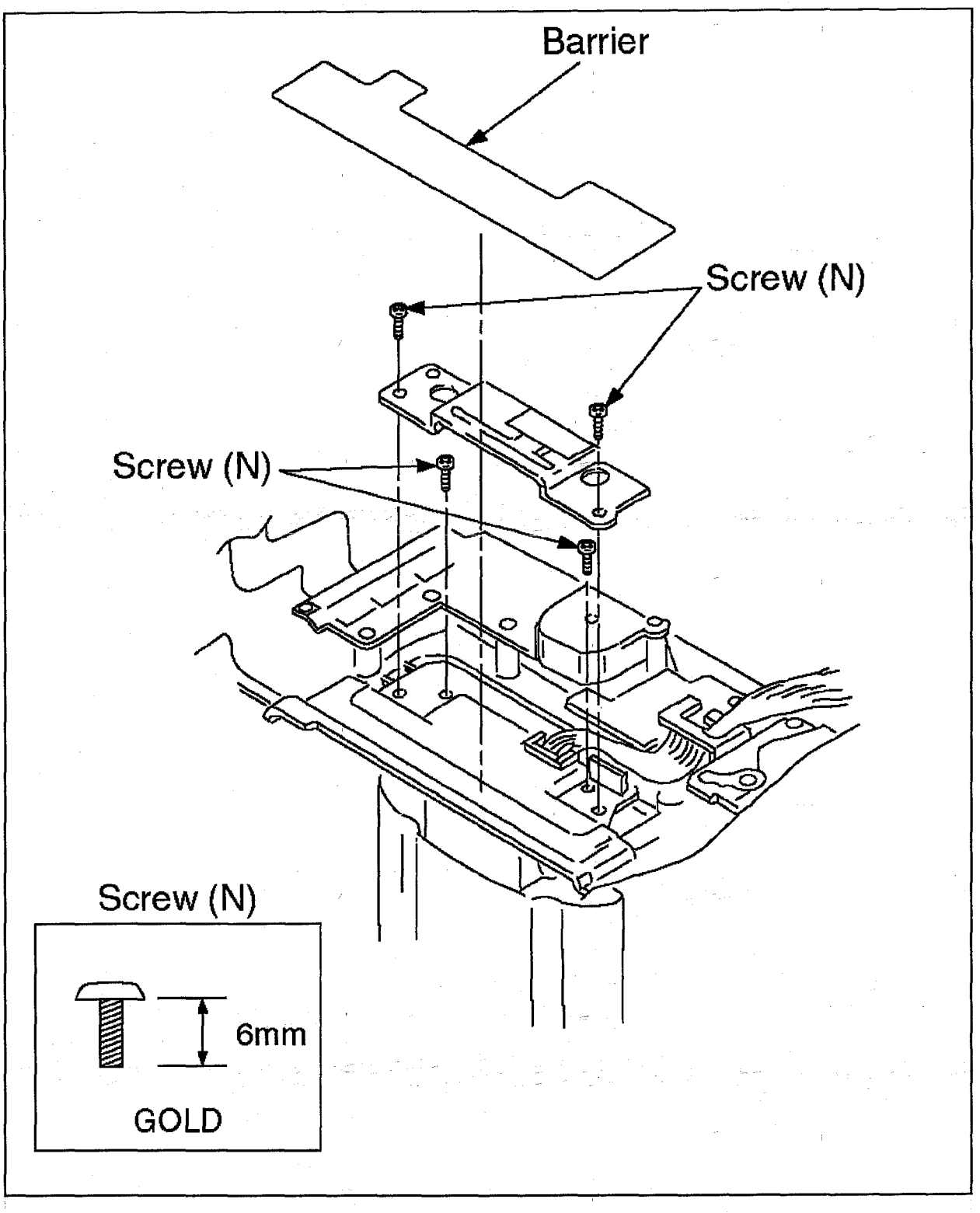


Fig.12

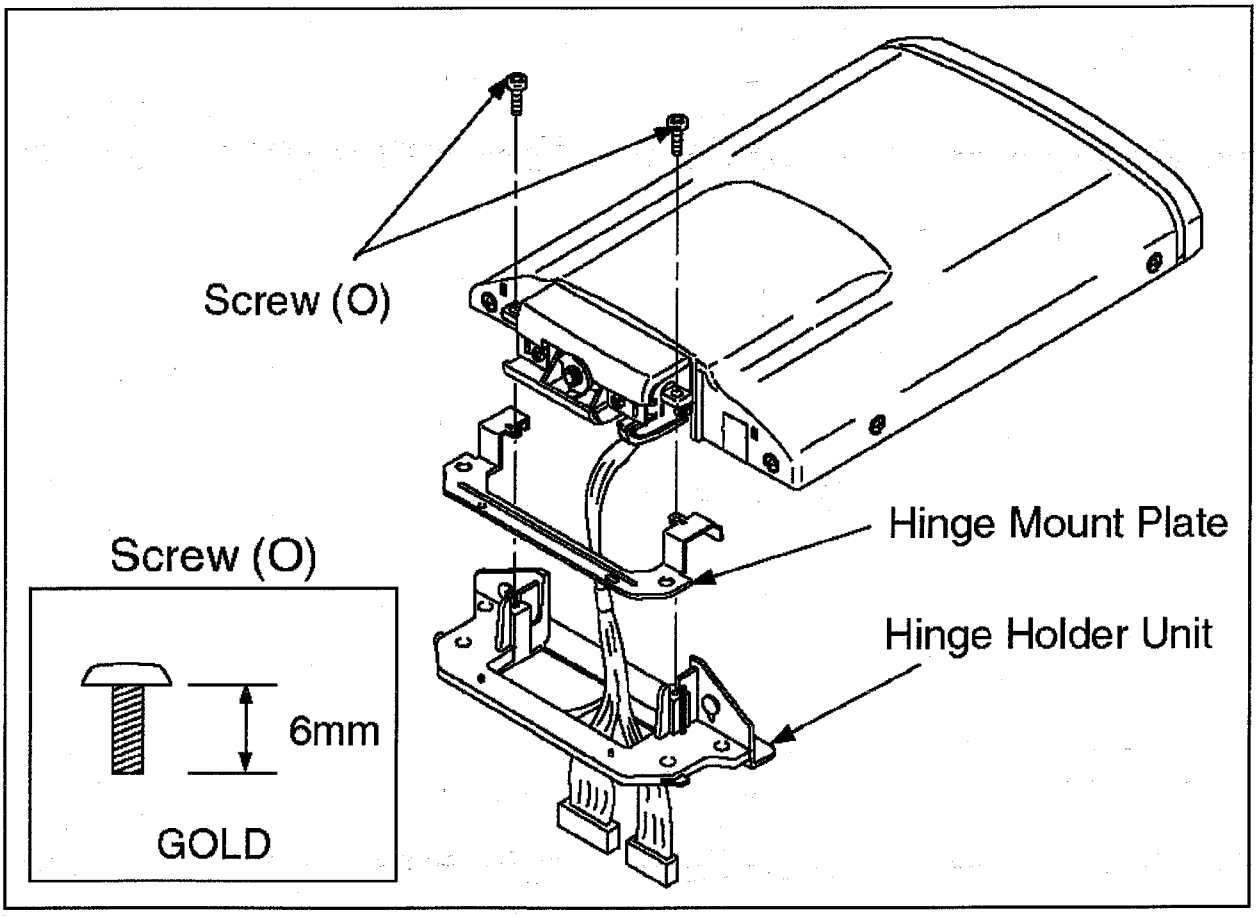


Fig.13

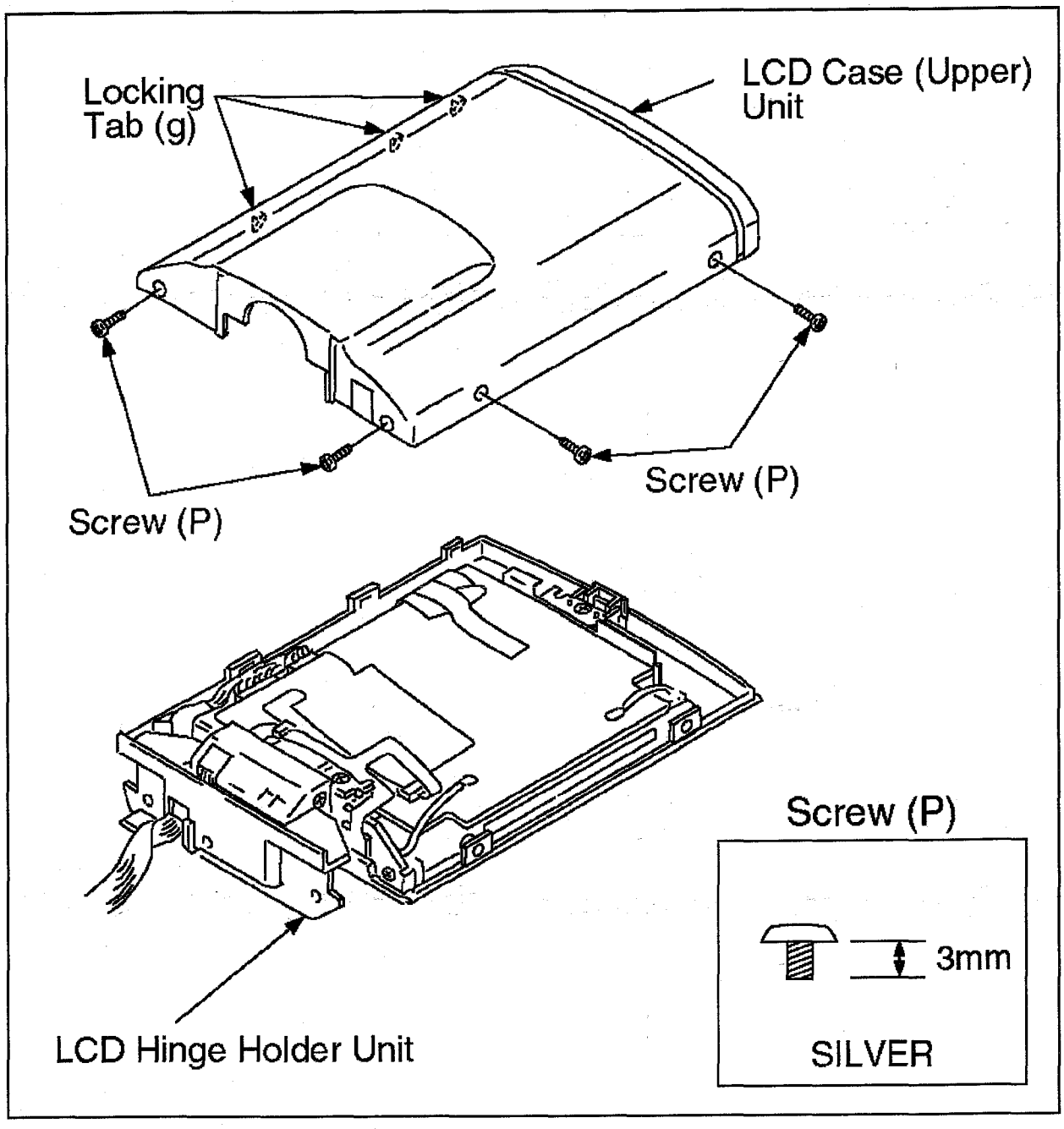

Locking
Tab (g)
LCD Case (Upper)
Unit
Screw (P)
Screw (P)
Screw (P)
3mm
SILVER
LCD Hinge Holder Unit

Fig.14

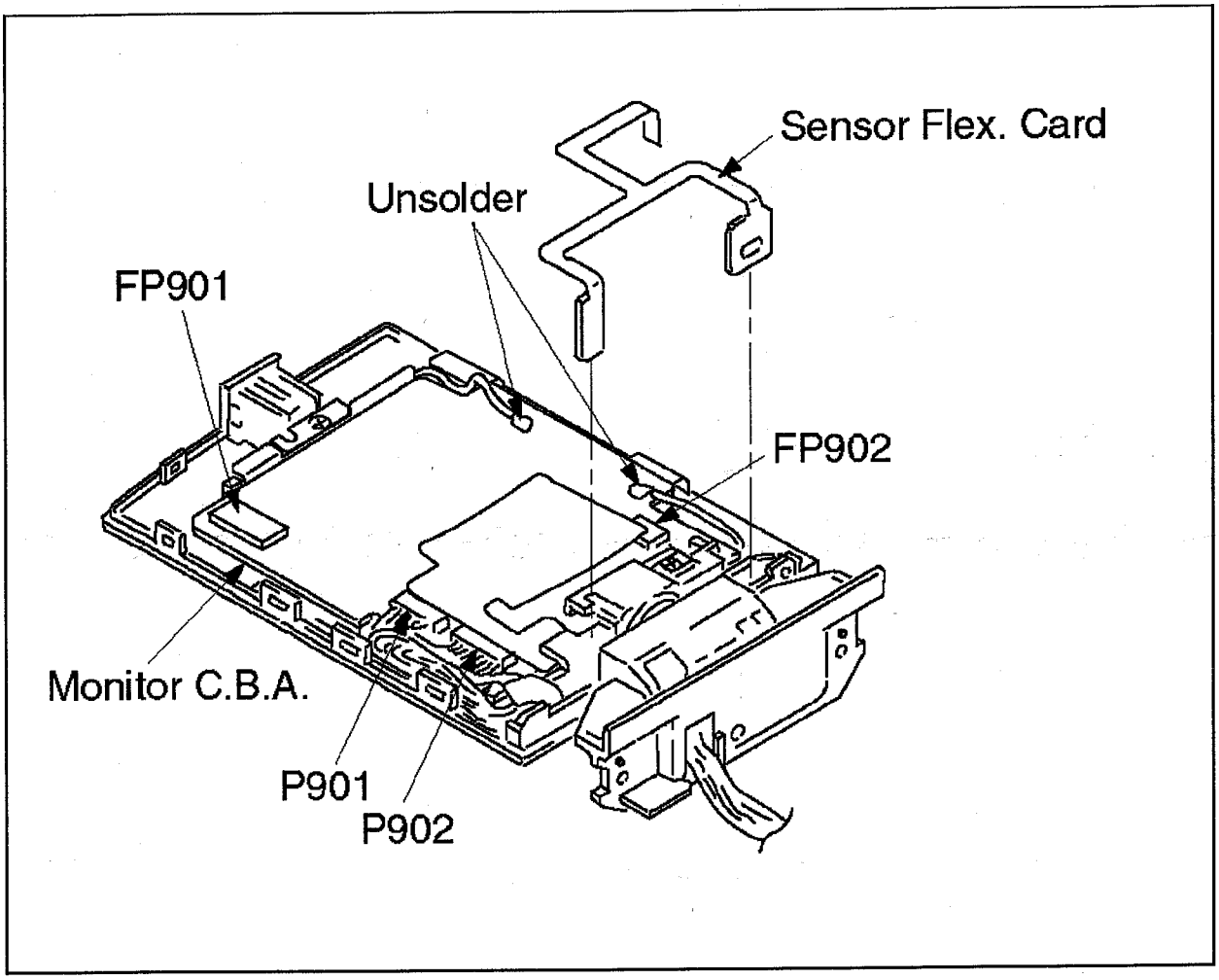

Sensor Flex. Card
Unsolder
FP901
FP902
Monitor C.B.A.
P901
P902

Fig.15

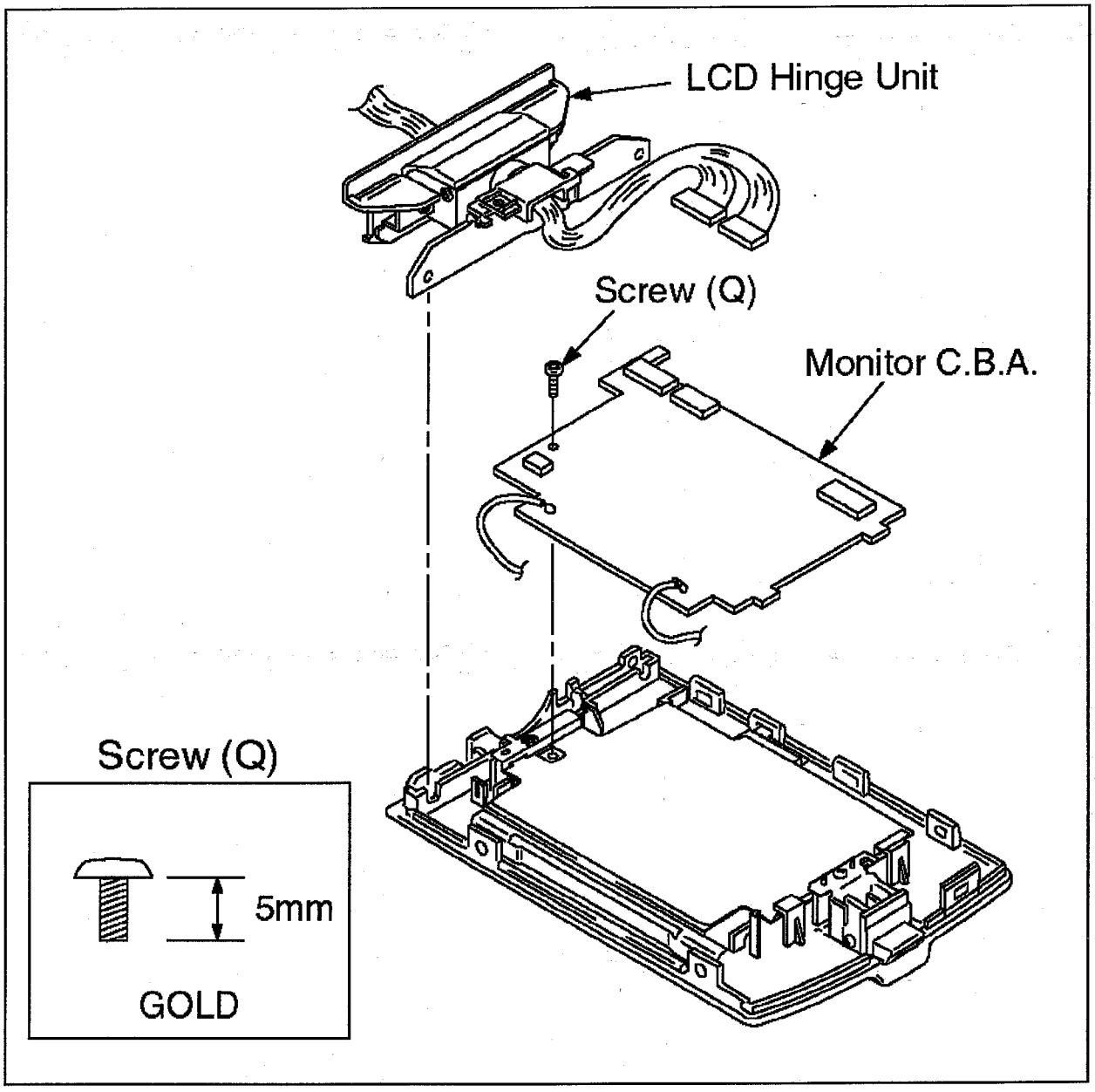
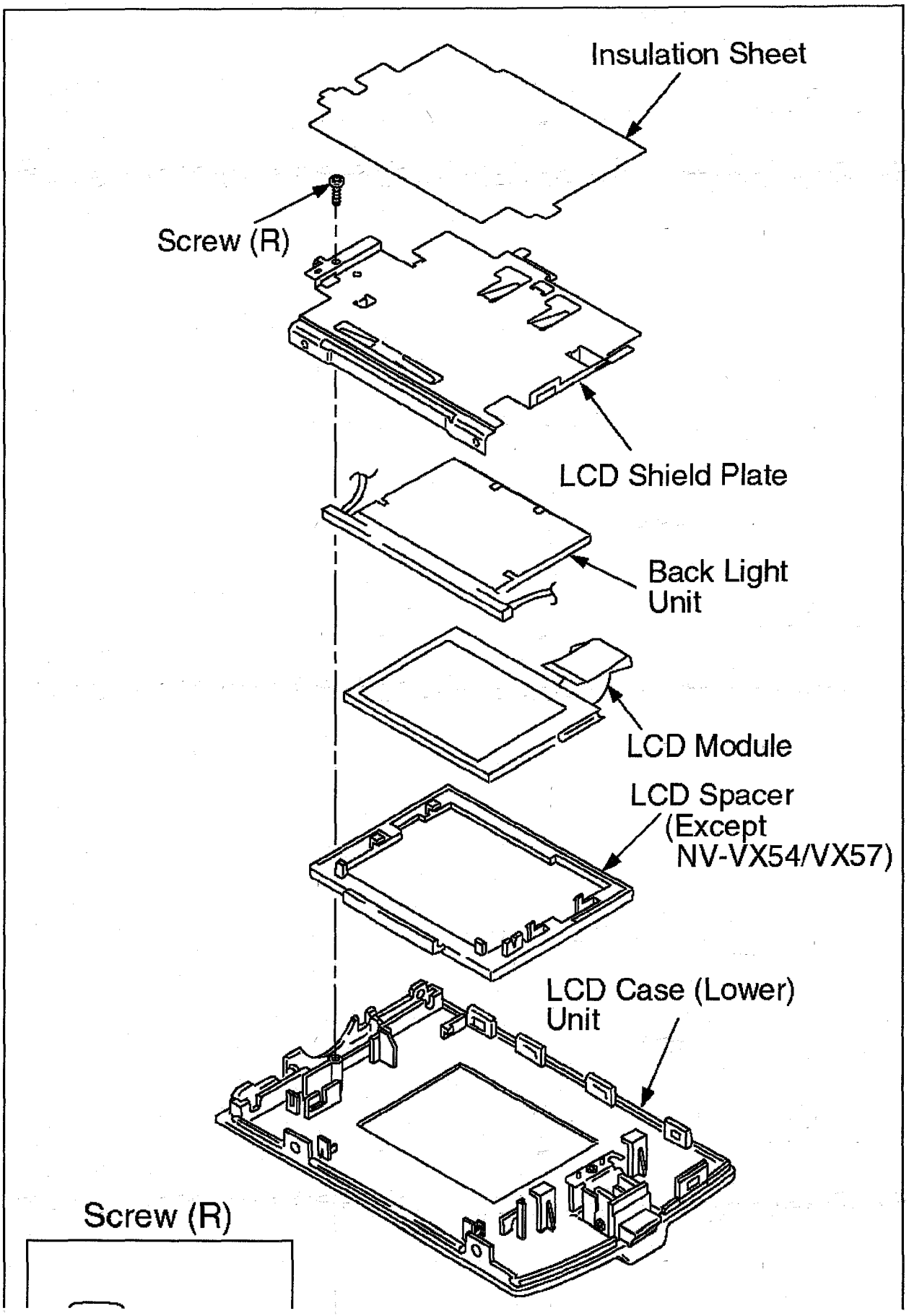
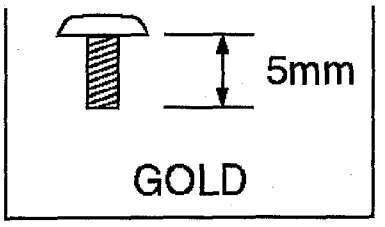


Fig.16


Insulation Sheet
Screw (R)
LCD Shield Plate
Back Light Unit
LCD Module
LCD Spacer (Except NV-VX54/VX57)
LCD Case (Lower) Unit
Screw (R)



5. WAVEFORM TABLE

6. BLOCK DIAGRAMS

6.1. MONITOR BLOCK DIAGRAM

7. SCHEMATIC DIAGRAMS

7.1. CAMERA SCHEMATIC DIAGRAM

7.2. LUMINANCE/CHROMINANCE & AUDIO SCHEMATIC DIAGRAM

7.3. SYSTEM CONTROL & SERVO SCHEMATIC DIAGRAM

7.3.1. SYSTEM CONTROL & SERVO DC VOLTAGE CHART (SP MODE)

7.4. POWER SCHEMATIC DIAGRAM

7.5. LCD SCHEMATIC DIAGRAM

7.6. LENS DRIVE SCHEMATIC DIAGRAM

7.7. CAMERA OP. UNIT SCHEMATIC DIAGRAM

7.8. MIC UNIT SCHEMATIC DIAGRAM

7.9. MONITOR & SENSOR FLEX. CARD SCHEMATIC DIAGRAM

8. CIRCUIT BOARD ASSEMBLIES

8.1. CAMERA/MAIN C.B.A. ADDRESS INFORMATIONS

8.2. CAMERA/MAIN [COMPONENT SIDE] C.B.A. (VEP23474F:NV-VX37/57EN/ENH/A, VEP23474M:NV-VX54B, VEP23474K:NV-VX57EG/E)

8.3. CAMERA/MAIN [FOIL SIDE] C.B.A. (VEP23474F:NV-VX37/57EN/ENH/A, VEP23474M:NV-VX54B, VEP23474K:NV-VX57EG/E)

8.4. MONITOR C.B.A. (VEP26215A)

8.5. MIC UNIT (VEK8760)

9. EXPLODED VIEWS (NV-VX37)

9.1. FRAME & CASING SECTION (1)

9.2. FRAME & CASING SECTION (2)

9.3. PACKING PARTS & ACCESSORIES SECTION

10. EXPLODED VIEWS (NV-VX54/57)

10.1. FRAME & CASING SECTION (1)

10.2. FRAME & CASING SECTION (2)

10.3. PACKING PARTS & ACCESSORIES SECTION

11. ELECTRICAL REPLACEMENT PARTS LIST

Note: 1. Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE: Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.
3. Unless otherwise specified,
All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICROFARADS (uf), P=uuF.
4. The P.C. Board units marked width "■" show below the main assembled parts.
5. The marking (RTL) indicaters the retention time is limited for this item.
After the discontinuation of this assembly in production, it will no longer be available.

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	■	VEP23474K	CAMERA/MAIN C.B.A.	1	(RTL)NV-VX57EG/E
	■	VEP23474M	CAMERA/MAIN C.B.A.	1	(RTL) NV-VX54B
	■	VEP23474F	CAMERA/MAIN C.B.A.	1	(RTL)NV-VX57EN/ENH/A
				1	NV-VX37EN/ENH/A
	■	VEP26215A	MONITOR C.B.A.	1	(RTL)
	■	VEP28259A	E.V.F. C.B.A.	1	(RTL)
	■	VEK8760	MIC UNIT	1	
	■	VEP22276A	CCD FLEX. CARD C.B.A.	1	(RTL)
	■	VXP1936	MF RING UNIT	1	
	■	VEP06C50A	SENSOR FLEX. C.B.A.	1	(RTL)
	■	VEP23474K	CAMERA/MAIN C.B.A.		(RTL) NV-VX57EG/EV
	■	VEP23474M	CAMERA/MAIN C.B.A.		(RTL) NV-VX54B
	■	VEP23474F	CAMERA/MAIN C.B.A.		(RTL) NV-VX57EN/ENH/A
					NV-VX37EN/ENH/A
	C301	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C302	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C303	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
	C304	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C305	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C306	ECUX1E223KBV	C.CAPACITOR CH 25V 0.022U	1	
	C307	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
	C308	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C309	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
	C310	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C311	ECUX1H100CCV	C.CAPACITOR CH 50V 10P	1	
	C312	ECUX1H100CCV	C.CAPACITOR CH 50V 10P	1	
	C313	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	NV-VX57EG/E/EN/ENH/A
					NV-VX37EN/ENH/A
	C313	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	NV-VX54B
	C314	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C315	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C316	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C317	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
	C318	ECST1AY225Z	T.CAPACITOR CH 10V 2.2U	1	
	C321	ECEV0GA101	E.CAPACITOR CH 4V 100U	1	
	C322	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C323	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C324	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C327	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C328	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C329	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
	C330	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C331	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C332	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C333	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C335	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C336	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C337	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C338	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
	C340	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C341	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C342	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C343	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C346	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C347	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
	C348	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C350	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C358	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
	C359	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
	C360	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C361	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C362	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C363	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
	C364	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C365	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C366	ECUX1E223KBV	C.CAPACITOR CH 25V 0.022U	1	
	C367	ECUX1E223KBV	C.CAPACITOR CH 25V 0.022U	1	
	C368	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C369	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C371	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C372	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C374	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
	C375	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C377	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C382	ECEV1AA101U	E.CAPACITOR CH 10V 100U	1	
	C383	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C385	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C386	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C387	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
	C388	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
	C390	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	NV-VX54B
					NV-VX57EG/E
	C502	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C504	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C505	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C601	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C603	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C604	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C605	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C606	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C608	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C615	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C616	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C617	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C619	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C620	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
	C621	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C622	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C623	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
	C624	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C628	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C629	ECUM1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
	C631	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C632	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C633	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C634	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C635	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C636	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C637	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C638	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C639	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C640	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C641	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C642	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C646	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C670	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
	C674	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
	C675	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C676	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C677	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C678	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C683	ECST0JX336Z	T.CAPACITOR CH 6.3V 33U	1	
	C701	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
	C702	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
	C703	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C704	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C705	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C711	ECEV1AA101U	E.CAPACITOR CH 10V 100U	1	
	C713	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
	C715	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C716	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C718	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C719	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C721	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
	C724	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C727	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C1001	ECUM1A225KBM	C.CAPACITOR CH 10V 2.2U	1	
	C1003	ECUM1A225KBM	C.CAPACITOR CH 10V 2.2U	1	
	C1004	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C1005	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
	C1008	ECUM1A225KBM	C.CAPACITOR CH 10V 2.2U	1	
	C1009	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
	C1010	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
	C1012	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C1014	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
	C1017	ECUM1E105KBM	C.CAPACITOR CH 25V 1U	1	
	C1019	ECUM1E334KBM	C.CAPACITOR CH 25V 0.33U	1	
	C1020	ECUM1E334KBM	C.CAPACITOR CH 25V 0.33U	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C1022	ECUM1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
	C1024	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C1025	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C1026	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C1027	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
	C1028	ECEV1HAR47	E.CAPACITOR CH 50V 0.47U	1	
	C1030	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
	C1032	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C1033	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C1034	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C1035	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C1037	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
	C1041	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C1046	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C1051	ECUM1C334KBN	C.CAPACITOR CH 16V 0.33U	1	
	C1055	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
	C1057	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
	C1063	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C1064	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C1065	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C1066	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C1071	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
	C1080	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
	C1081	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
	C1602	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C1603	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C1708	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C1801	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
	C1803	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C1804	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C2001	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C2009	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C2020	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C2033	ECUX1A105ZFV	C.CAPACITOR CH 10V 1U	1	
	C2043	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
	C2202	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C2203	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
	C2207	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
	C2208	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C2209	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C2210	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C2212	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C2213	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C2214	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C2216	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C2217	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C2219	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C2220	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
	C2221	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C2222	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
	C2223	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
	C2224	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C2225	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C2226	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C2227	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C2233	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
	C3001	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
	C3002	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C3003	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C3004	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3005	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C3006	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
	C3008	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3009	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C3010	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	C3012	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C3016	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
	C3017	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3018	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
	C3019	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3020	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3022	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3023	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C3024	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3026	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3027	ECEV1AAN100	E.CAPACITOR CH 10V 10U	1	
	C3028	ECEV0GA471	E.CAPACITOR CH 4V 470U	1	
	C3029	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C3030	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C3031	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C3033	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C3035	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C3050	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C4001	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
	C4002	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C4003	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	1	
	C4004	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C4005	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	
	C4006	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C4007	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
	C4008	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C4009	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C4012	ECST0JX226Z	T.CAPACITOR CH 6.3V 22U	1	
	C4014	ECUX1H682KBV	C.CAPACITOR CH 50V 6800P	1	
	C4015	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C4016	ECUM2A472JCM	C.CAPACITOR CH 100V 4700P	1	
	C4017	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C4019	ECUM1C474KBN	C.CAPACITOR CH 16V 0.47U	1	
	C4020	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C4021	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C4022	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C4023	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
	C4024	ECST1CY475Z	T.CAPACITOR CH 16V 4.7U	1	
	C4025	ECST0JY685Z	T.CAPACITOR CH 6.3V 6.8U	1	
	C4026	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C4027	ECST1AY225Z	T.CAPACITOR CH 10V 2.2U	1	
	C4028	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
	C4029	ECUX1H122KBV	C.CAPACITOR CH 50V 1200P	1	
	C4030	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
	C4031	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C4032	ECUM1C224KBN	C.CAPACITOR CH 16V 0.22U	1	
	C4034	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C4035	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C4036	ECST0JY335Z	T.CAPACITOR CH 6.3V 3.3U	1	
	C4037	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C4038	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C4045	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C4046	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C4101	ECEV0JA131	E.CAPACITOR CH 6.3V 130U	1	
	C4102	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C4104	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C4105	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
	C4106	ECUM1C334KBN	C.CAPACITOR CH 16V 0.33U	1	
	C4107	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C4801	ECUX1C823KBV	C.CAPACITOR CH 16V 0.082U	1	
	C4803	ECUX1E223KBV	C.CAPACITOR CH 25V 0.022U	1	
	C4804	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C4805	ECUX1E223KBV	C.CAPACITOR CH 25V 0.022U	1	
	C4806	ECUX1E223KBV	C.CAPACITOR CH 25V 0.022U	1	
	C4807	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C4809	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
	C4815	ECUX1H472KBV	C.CAPACITOR CH 50V 4700P	1	NV-VX57EN/ENH/A
					NV-VX37EN/ENH/A
	C4816	ECST1CY105Z	T.CAPACITOR CH 16V 1U	1	
	C4817	ECUX1E223KBV	C.CAPACITOR CH 25V 0.022U	1	
	C4818	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5001	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5002	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5003	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5004	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5005	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
	C5006	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
	C5007	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
	C5008	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
	C5009	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5010	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5011	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
	C5012	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5013	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5014	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C5016	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C5017	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5018	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C5019	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C5020	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5021	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5022	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C5023	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5024	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5025	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5041	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
	C5501	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5503	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5504	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C5505	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C5506	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5507	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C5508	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5509	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C5510	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C5511	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C5512	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C5513	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
	C5514	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C5515	ECUX1H181JCV	C.CAPACITOR CH 50V 180P	1	
	C5516	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
	C5517	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5518	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5519	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C5520	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
	C5521	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5522	ECUX1H090CCV	C.CAPACITOR CH 50V 9P	1	
	C5523	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
	C5524	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C5525	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5526	ECUX1H040CCV	C.CAPACITOR CH 50V 4P	1	
	C5527	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C5530	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
	C5531	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C5533	ECUX1E273KBV	C.CAPACITOR CH 25V 0.027U	1	
	C5534	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6001	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C6002	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	NV-VX57EN/ENH/A
					NV-VX37EN/ENH/A
	C6003	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6004	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6005	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C6009	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6010	ECEV1AA101U	E.CAPACITOR CH 10V 100U	1	
	C6011	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C6012	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6013	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6014	ECEV1CA470P	E.CAPACITOR CH 16V 47U	1	
	C6015	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6016	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6017	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
	C6018	ECUX1H090CCV	C.CAPACITOR CH 50V 9P	1	
	C6019	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C6020	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6021	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6022	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
	C6023	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
	C6024	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C6025	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C6026	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6027	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C6028	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C6029	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C6030	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C6031	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C6032	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6033	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6034	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6038	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C6039	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6040	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
	C6041	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	1	
	C6042	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C6044	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6045	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6046	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C6047	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6048	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C6049	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6050	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
	C6051	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6053	ECEV0GA221	E.CAPACITOR CH 4V 220U	1	
	C6054	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C6055	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	C6056	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
	C6057	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
	C6058	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
	C6100	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C6201	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
	C6202	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C6203	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C6205	ECEV1CA100	E.CAPACITOR CH 16V 10U	1	
	C6206	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	
	C6207	ECEV05A470	E.CAPACITOR CH 4V 47U	1	
	C6208	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C6209	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	D301	MA111	DIODE	1	
	D304	1SS355	DIODE	1	
	D602	MA111	DIODE	1	
	D1006	MA111	DIODE	1	
	D1007	MA111	DIODE	1	
	D1009	MA8220-M	DIODE	1	
	D1015	EC10QS03L12	DIODE	1	
	D1020	1SS355	DIODE	1	
	D1601	MA8160-M	DIODE	1	
	D1602	MA8160-M	DIODE	1	
	D1603	MA8160-M	DIODE	1	
	D1604	MA8160-M	DIODE	1	
	D1706	MA111	DIODE	1	
	D1801	MA132WK	DIODE	1	
	D1802	MA728	DIODE	1	
	D3001	MA133	DIODE	1	
	D3002	MA132WK	DIODE	1	
	D3004	MA111	DIODE	1	
	D4001	MA8030	DIODE	1	
	D4101	MA132WK	DIODE	1	
	D6001	MA111	DIODE	1	
	D6003	SB05-05CP	DIODE	1	
	D6004	MA8030	DIODE	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D6005	MA728	DIODE	1	
	D6006	MA728	DIODE	1	
	D6007	MA111	DIODE	1	
	D6009	MA132WA	DIODE	1	
	D6010	MA132WA	DIODE	1	
	D6011	MA132WK	DIODE	1	
	D6012	MA132WA	DIODE	1	
	D6013	MA111	DIODE	1	
	D6014	MA132WA	DIODE	1	
	D6015	MA132WA	DIODE	1	
	D6016	MA133	DIODE	1	
	D6017	MA132WA	DIODE	1	
	D6018	MA728	DIODE	1	
	D6019	MA132WA	DIODE	1	
	D6020	MA728	DIODE	1	
	D6021	MA132WA	DIODE	1	
	D6022	MA132WA	DIODE	1	
	D6023	MA728	DIODE	1	
	D6025	MA132WA	DIODE	1	
	D6026	MA132WA	DIODE	1	
	D6027	MA132WA	DIODE	1	
	D6030	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
	D6201	MA111	DIODE	1	
	FP701	VJS3319B018	CONNECTOR (FEMALE) 18P	1	
	FP2001	VJS3911A007	CONNECTOR (FEMALE) 7P	1	
	FP2002	VJS2959B018	CONNECTOR (FEMALE) 18P	1	
	FP4001	VJS2958D009	CONNECTOR (FEMALE) 9P	1	
	FP4002	VJS3913B017P	CONNECTOR (FEMALE) 17P	1	
	FP5001	VJS2959B013	CONNECTOR (FEMALE) 13P	1	
	FP6001	VJS2959B018	CONNECTOR (FEMALE) 18P	1	
	FP6002	VJS2959B006	CONNECTOR (FEMALE) 6P	1	
	FP6003	VJS3930B021	CONNECTOR (FEMALE) 21P	1	
	FP6004	VJS3654B008	CONNECTOR (FEMALE) 8P	1	
	FP6005	VJS3931B006	CONNECTOR (FEMALE) 6P	1	
	FP6006	VJS3931B024	CONNECTOR (FEMALE) 24P	1	
	IC301	F712524CPBW	IC	1	
	IC302	M62366GP	IC	1	
	IC303	XC62FP3302MR	IC	1	
	IC304	BU2990-02	IC	1	
	IC308	Z4C2973	IC	1	
	IC309	ADS932E	IC	1	
	IC313	MN7E002B2S1	IC	1	
	IC314	M52948FP	IC	1	
	IC315	MN31121SA	IC	1	
	IC316	XC62FP3002MR	IC	1	
	IC601	IR3Y31M	IC	1	
	IC602	M62366GP	IC	1	
	IC701	TB6526AF	IC	1	
	IC702	TB6526AF	IC	1	
	IC706	NJM2115VA	IC	1	
	IC711	TA75W01FU	IC	1	
	IC1001	BA9706K	IC	1	
	IC2201	TB6538F	IC	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	IC2202	UN224	TRANSISTOR-RESISTOR	1	
	IC2203	UN224	TRANSISTOR-RESISTOR	1	
	IC3001	HA118603F	IC	1	
	IC4101	NJM2166V	IC	1	
	IC5001	AN3355FHP	IC	1	
	IC5501	MSM7470-73MS	IC	1	
	IC6001	TA75W393FU	IC	1	
	IC6002	S3514AEFSTB	IC	1	
	IC6003	MN103004KCF	IC	1	NV-VX57EG/E
	IC6003	MN103004KCH	IC	1	NV-VX54B
					NV-VX57EN/ENH/A
					NV-VX37EN/ENH/A
	IC6004	XC62FP3702MR	IC	1	
	IC6005	BA6289F	IC	1	
	IC6006	TA75W393FU	IC	1	
	IC6007	S80821ANNP	IC	1	
	IC6008	AK6480AF	IC	1	
	IC6009	S80825ANNP	IC	1	
	IC6010	XC62FP2602PR	IC	1	
	IC6011	XC62FP3002MR	IC	1	
	IC6201	BA8400FV	IC	1	
	IC6202	XC62FP3002MR	IC	1	
	L301	VLQ0319K100	COIL 10UH	1	
	L302	VLQ0426J220	COIL 22UH	1	
	L303	ELJFA390JB	CHIP INDUCTOR 39UH	1	
	L304	VLQ0426J1R5	COIL 1.5UH	1	
	L305	ELJPA470KB	COIL 47UH	1	
	L306	VLQ0426J220	COIL 22UH	1	
	L307	VLQ0426J100	COIL 10UH	1	
	L316	VLQ0426J5R6	COIL 5.6UH	1	
	L322	VLQ0426J330	COIL 33UH	1	
	L601	ELJPA470KB	COIL 47UH	1	
	L602	ELJPA470KB	COIL 47UH	1	
	L613	ELJPA470KB	COIL 47UH	1	
	L670	ELJFA330JB	CHIP INDUCTOR 33UH	1	
	L703	VLQ0319K100	COIL 10UH	1	
	L1001	VLQ0833M4R7	COIL 4.7UH	1	
	L1002	VLQ0827M220	COIL 22UH	1	
	L1003	VLQ0834M4R7	COIL 4.7UH	1	
	L1004	VLQ0319K100	COIL 10UH	1	
	L1006	VLQ0319K100	COIL 10UH	1	
	L1007	VLQ0827M470	COIL 47UH	1	
	L1008	VLQ0319M4R7	COIL 4.7UH	1	
	L1010	VLQ0319K100	COIL 10UH	1	
	L1011	VLQ0319K101	COIL 100UH	1	
	L1014	VLQ0319K100	COIL 10UH	1	
	L1015	ELJPA470KB	COIL 47UH	1	
	L1061	VLQ0827M330	COIL 33UH	1	
	L1062	VLQ0827M330	COIL 33UH	1	
	L1801	VLQ0319K100	COIL 10UH	1	
	L3001	ELJPA470KB	COIL 47UH	1	
	L3002	VLQ0319K100	COIL 10UH	1	
	L3003	ELJFA820JB	CHIP INDUCTOR 82UH	1	
	L3004	VLQ0426J120	COIL 12UH	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	L4005	VLQ0319K101	COIL 100UH	1	
	L4101	VLQ0319K101	COIL 100UH	1	
	L4102	VLQ0319K101	COIL 100UH	1	
	L5001	ELJPA470KB	COIL 47UH	1	
	L5002	ELJPA470KB	COIL 47UH	1	
	L5003	ELJPA470KB	COIL 47UH	1	
	L5004	ELJPA470KB	COIL 47UH	1	
	L5501	ELJPA470KB	COIL 47UH	1	
	L5502	ELJFA100JB	CHIP INDUCTOR 10UH	1	
	L5503	VLQ0895	CHIP INDUCTOR	1	
	L5504	ELJFA390JB	CHIP INDUCTOR 39UH	1	
	L5506	ELJPA470KB	COIL 47UH	1	
	L5507	ELJFA121JB	CHIP INDUCTOR 120UH	1	
	L5508	VLQ0163J471	COIL 470UH	1	
	L6201	ELJPA470KB	COIL 47UH	1	
	LB302	VLP0175	COIL	1	
	LB303	VLP0175	COIL	1	
	LB304	VLP0175	COIL	1	
	LB306	VLP0175	COIL	1	
	LB309	VLP0153	COIL	1	
	LB310	VLP0153	COIL	1	
	LB312	VLP0175	COIL	1	
	LB601	VLP0175	COIL	1	
	LB1601	VLP0307	COIL	1	
	LB1602	VLP0307	COIL	1	
	LB4001	VLP0146	COIL	1	
	LB6001	VLP0153	COIL	1	
	LB6002	VLP0153	COIL	1	
	LB6003	VLP0153	COIL	1	
	LB6004	VLP0153	COIL	1	
	P601	VJP4004A010P	CONNECTOR (MALE) 10P	1	
	P602	VJP4004A012P	CONNECTOR (MALE) 12P	1	
	P1001	VJP3172B004	CONNECTOR (MALE) 4P	1	
	P4101	VJP3172B002	CONNECTOR (MALE) 2P	1	
	PP301	VJP3358A012	CONNECTOR (MALE) 12P	1	
	PP3001	VJP3359D040	CONNECTOR (MALE) 40P	1	
	PS1003	VJS4005B006	CONNECTOR (FEMALE) 6P	1	
	PS3009	VJS4005B004	CONNECTOR (FEMALE) 4P	1	
	Q201	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q301	XP4401	TRANSISTOR	1	
	Q302	2SB1462-R	TRANSISTOR	1	
	Q304	2SD2216	TRANSISTOR	1	
	Q501	2SB1462-R	TRANSISTOR	1	
	Q502	XP1501	TRANSISTOR-TRANSISTOR	1	
	Q504	2SB1462-R	TRANSISTOR	1	
	Q508	XP1501	TRANSISTOR-TRANSISTOR	1	
	Q509	2SD2216-R	TRANSISTOR	1	
	Q510	XP1401	TRANSISTOR-TRANSISTOR	1	
	Q511	2SD2216-R	TRANSISTOR	1	
	Q514	XP4601	TRANSISTOR-TRANSISTOR	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q602	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q604	2SB1462-R	TRANSISTOR	1	
	Q701	IMT17T110	TRANSISTOR	1	
	Q702	IMT17T110	TRANSISTOR	1	
	Q703	IMT17T110	TRANSISTOR	1	
	Q704	2SD601A	TRANSISTOR	1	
	Q706	IMT17T110	TRANSISTOR	1	
	Q707	2SB798	TRANSISTOR	1	
	Q708	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q780	2SD874	TRANSISTOR	1	
	Q781	2SB1462-R	TRANSISTOR	1	
	Q1001	2SB1073	TRANSISTOR	1	
	Q1003	MPL1	TRANSISTOR	1	
	Q1004	2SD2210	TRANSISTOR	1	
	Q1010	2SB1462-R	TRANSISTOR	1	
	Q1061	MPL1	TRANSISTOR	1	
	Q1062	MPL1	TRANSISTOR	1	
	Q1801	2SD2216-R	TRANSISTOR	1	
	Q1802	XP1401	TRANSISTOR-TRANSISTOR	1	
	Q1803	XP1401	TRANSISTOR-TRANSISTOR	1	
	Q1804	2SD2216-R	TRANSISTOR	1	
	Q1805	2SD2216	TRANSISTOR	1	
	Q3001	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q3002	XP4401	TRANSISTOR	1	
	Q3003	2SD2216	TRANSISTOR	1	
	Q3004	2SD2216	TRANSISTOR	1	
	Q3005	2SC4627	TRANSISTOR	1	
	Q3006	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q3007	XP4401	TRANSISTOR	1	
	Q3009	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q3010	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q4001	XP6401	TRANSISTOR	1	
	Q4002	2SD602-R	TRANSISTOR	1	
	Q4003	2SB1219	TRANSISTOR	1	
	Q4004	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q4006	2SB1462-R	TRANSISTOR	1	
	Q4007	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q4009	2SD2216	TRANSISTOR	1	
	Q4014	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q4801	2SD2216	TRANSISTOR	1	
	Q4802	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q4804	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q4805	2SD2216	TRANSISTOR	1	
	Q5001	XN4504	TRANSISTOR-TRANSISTOR	1	
	Q5002	XN4504	TRANSISTOR-TRANSISTOR	1	
	Q5003	2SA812	TRANSISTOR	1	
	Q5501	2SD2216	TRANSISTOR	1	
	Q5502	2SB1462-R	TRANSISTOR	1	
	Q5503	2SB1462-R	TRANSISTOR	1	
	Q5504	2SD2216	TRANSISTOR	1	
	Q6001	2SD1030	TRANSISTOR	1	
	Q6002	2SB1462-R	TRANSISTOR	1	
	Q6003	2SD2216	TRANSISTOR	1	
	Q6004	2SD874	TRANSISTOR	1	
	Q6005	XP6501	TRANSISTOR	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q6006	XP1501	TRANSISTOR-TRANSISTOR	1	
	QR301	MRN2103	TRANSISTOR-RESISTOR	1	
	QR302	MRN2107	TRANSISTOR-RESISTOR	1	
	QR303	MRN1111	TRANSISTOR-RESISTOR	1	
	QR304	XP1213	TRANSISTOR-RESISTOR	1	
	QR305	MRN1104	TRANSISTOR-RESISTOR	1	
	QR501	MRN2103	TRANSISTOR-RESISTOR	1	
	QR504	UN2130X	TRANSISTOR-RESISTOR	1	
	QR701	MRN1102	TRANSISTOR-RESISTOR	1	
	QR781	UN2130X	TRANSISTOR-RESISTOR	1	
	QR782	MRN1103	TRANSISTOR-RESISTOR	1	
	QR1001	MRN2102	TRANSISTOR-RESISTOR	1	
	QR1005	UN9217	TRANSISTOR-RESISTOR	1	
	QR1061	MRN2111	TRANSISTOR-RESISTOR	1	
	QR1701	UN2130X	TRANSISTOR-RESISTOR	1	
	QR1702	MRN1107	TRANSISTOR-RESISTOR	1	
	QR2002	MRN1111	TRANSISTOR-RESISTOR	1	
	QR3003	MRN1103	TRANSISTOR-RESISTOR	1	
	QR3004	XP4312	TRANSISTOR-RESISTOR	1	
	QR3005	XP1212	TRANSISTOR-TRANSISTOR	1	
	QR3006	MRN1111	TRANSISTOR-RESISTOR	1	
	QR3007	MRN1111	TRANSISTOR-RESISTOR	1	
	QR4003	MRN2103	TRANSISTOR-RESISTOR	1	
	QR4004	XP1215	TRANSISTOR-TRANSISTOR	1	
	QR4005	MRN1104	TRANSISTOR-RESISTOR	1	
	QR4008	MRN1104	TRANSISTOR-RESISTOR	1	
	QR5502	MRN1103	TRANSISTOR-RESISTOR	1	
	QR6001	MRN2107	TRANSISTOR-RESISTOR	1	
	QR6002	MRN1102	TRANSISTOR-RESISTOR	1	
	QR6003	XP4115	TRANSISTOR-RESISTOR	1	
	QR6004	XP4115	TRANSISTOR-RESISTOR	1	
	QR6005	MRN2103	TRANSISTOR-RESISTOR	1	
	QR6007	MRN1102	TRANSISTOR-RESISTOR	1	
	QR6008	MRN1107	TRANSISTOR-RESISTOR	1	
	QR6009	UN9210	TRANSISTOR-RESISTOR	1	
	QR6010	XP1213	TRANSISTOR-RESISTOR	1	
	QR6011	MRN2111	TRANSISTOR-RESISTOR	1	
	QR6012	UN9110	TRANSISTOR-RESISTOR	1	
	QR6013	MRN2111	TRANSISTOR-RESISTOR	1	
	QR6014	MRN1111	TRANSISTOR-RESISTOR	1	
	QR6050	XP1213	TRANSISTOR-RESISTOR	1	
	QR6801	MRN2111	TRANSISTOR-RESISTOR	1	
	R301	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
	R302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R303	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R304	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R305	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
	R307	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R308	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R309	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
	R310	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R311	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R312	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R313	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R314	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
	R315	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R316	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
	R317	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
	R318	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
	R319	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R320	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R321	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
	R323	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R324	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
	R325	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
	R326	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
	R327	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R328	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R329	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
	R330	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R331	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
	R332	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R333	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R334	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R335	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R336	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R337	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R338	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R339	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
	R340	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R341	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R342	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
	R343	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
	R344	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R345	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R346	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R347	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R358	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R359	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
	R360	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R361	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R363	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R364	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R365	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R370	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R373	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R376	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R377	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
	R379	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
	R380	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R381	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R382	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R386	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R388	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R394	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
	R396	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R400	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R401	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R502	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
	R503	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R504	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R505	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R506	ERJ3GEYJ514	M.RESISTOR CH 1/16W 510K	1	
	R507	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
	R508	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
	R509	ERJ6RED514	M.RESISTOR CH 1/10W 510K	1	
	R511	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R512	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R514	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R515	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
	R516	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R523	ERJ3GEYJ133	M.RESISTOR CH 1/16W 13K	1	
	R525	ERJ3RED274	M.RESISTOR CH 1/16W 270K	1	
	R526	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R527	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
	R532	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R534	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R540	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
	R601	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
	R602	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R603	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
	R604	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
	R605	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
	R606	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
	R607	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R608	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R610	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R611	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R612	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
	R615	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
	R616	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
	R617	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R618	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
	R619	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
	R621	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R622	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R623	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R624	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R625	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R626	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R627	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R632	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R633	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R634	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
	R635	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R636	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R637	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R638	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R639	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R640	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R643	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R645	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R646	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R649	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
	R651	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R652	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R654	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
	R655	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
	R657	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
	R666	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
	R667	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
	R672	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R673	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R675	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R676	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R677	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R682	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
	R687	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R689	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R691	ERJ3GEYJ106	M.RESISTOR CH 1/16W 10M	1	
	R694	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
	R701	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
	R702	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
	R703	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
	R704	ERJ3GEYJ3R3	M.RESISTOR CH 1/16W 3.3	1	
	R705	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
	R706	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R707	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R708	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
	R709	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R711	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R712	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R713	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R716	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R717	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
	R718	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R722	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R723	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
	R726	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R727	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	NV-VX57EG/E/EN/ENH/A
					NV-VX37EN/ENH/A
	R727	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	NV-VX54B
	R728	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
	R729	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	NV-VX57EG/E/EN/ENH/A
					NV-VX37EN/ENH/A
	R729	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	NV-VX54B
	R730	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
	R731	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R732	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R733	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
	R734	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
	R735	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
	R736	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
	R737	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
	R738	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
	R740	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
	R743	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
	R745	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R761	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
	R780	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	1	
	R781	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R782	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R784	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R785	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R786	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	NV-VX57EN/ENH/A
					NV-VX37EN/ENH/A
	R1001	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
	R1002	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
	R1005	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
	R1006	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
	R1007	ERJ8GEYJ330	M.RESISTOR CH 1/8W 33	1	
	R1008	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
	R1009	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
	R1012	ERJ6RHD1872	M.RESISTOR CH 1/10W 18.7K	1	
	R1013	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
	R1014	ERJ6RBD182	M.RESISTOR CH 1/10W 1.8K	1	
	R1015	ERJ6RBD182	M.RESISTOR CH 1/10W 1.8K	1	
	R1016	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
	R1017	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R1018	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
	R1019	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
	R1020	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
	R1021	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
	R1022	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
	R1023	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
	R1024	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
	R1025	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R1035	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
	R1038	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
	R1039	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
	R1040	ERJ3RED430	M.RESISTOR CH 1/16W 43	1	
	R1052	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
	R1057	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
	R1063	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R1064	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R1065	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R1066	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
	R1067	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R1068	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
	R1069	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R1071	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R1072	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R1073	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R1085	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R1086	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
⚠	R1601	VSF0226D25T	FUSE	1	
	R1602	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
	R1603	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
	R1699	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
	R1702	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R1724	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
	R1726	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R1727	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
	R1801	ERJ6RBD683	M.RESISTOR CH 1/10W 68K	1	
	R1802	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
	R1803	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
	R1804	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R1808	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R1809	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R1810	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R1811	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
	R1812	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R1813	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R1814	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R1815	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R1816	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R1820	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R1821	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R1824	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R2001	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R2002	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R2010	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R2012	ERJ3GEYJ684	M.RESISTOR CH 1/16W 680K	1	
	R2019	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R2020	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R2201	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
	R2202	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R2203	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
	R2205	ERJ8GEYJR33	M.RESISTOR CH 1/8W 0.33	1	
	R2206	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R2207	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R2209	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R2210	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
	R2211	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
	R2212	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R2213	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R2216	ERJ8RQJR22	M.RESISTOR CH 1/8W 0.22	1	
	R3001	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R3002	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
	R3003	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R3004	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R3005	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
	R3006	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
	R3007	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
	R3009	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R3010	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R3011	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
	R3012	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
	R3013	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
	R3015	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R3016	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	NV-VX57EG/E
					NV-VX54B
	R3016	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	NV-VX57EN/ENH/A
					NV-VX37EN/ENH/A
	R3017	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	NV-VX57EG/E
					NV-VX54B
	R3017	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	NV-VX57EN/ENH/A

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
					NV-VX37EN/ENH/A
	R3018	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R3019	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R3020	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
	R3021	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R3022	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R3023	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R3024	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
	R3025	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
	R3026	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R3027	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R3028	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
	R3029	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
	R3030	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R3033	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
	R3034	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R3037	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
	R3039	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
	R3040	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R3041	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R3042	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R3043	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R3045	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
	R3050	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R3057	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R3058	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
	R3059	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
	R3060	ERJ3RED620	M.RESISTOR CH 1/16W 62	1	
	R4001	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
	R4002	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
	R4004	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R4005	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
	R4006	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R4007	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R4008	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R4009	ERJ3GEYJ225	M.RESISTOR CH 1/16W 2.2K	1	
	R4010	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
	R4011	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R4012	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R4013	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
	R4014	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
	R4015	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R4016	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R4017	ERJ3GEYJ2R2	M.RESISTOR CH 1/16W 2.2	1	
	R4018	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R4019	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
	R4020	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R4021	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
	R4022	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R4023	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
	R4024	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R4025	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
	R4026	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
	R4027	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
	R4028	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4029	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
	R4030	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R4031	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
	R4032	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
	R4033	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
	R4034	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R4035	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R4036	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R4037	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
	R4038	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
	R4040	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R4041	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
	R4042	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
	R4044	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R4050	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
	R4060	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
	R4102	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R4103	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R4104	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R4106	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R4107	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
	R4801	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
	R4802	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
	R4803	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
	R4804	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
	R4805	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
	R4806	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R4807	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R4808	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
	R4809	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
	R4811	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R4812	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R4813	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R4814	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R4815	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
	R4817	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R4818	ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
	R4819	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R4820	ERJ6GEYJ184	M.RESISTOR CH 1/10W 180K	1	
	R4821	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
	R4822	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
	R4831	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	NV-VX57EN/ENH/A
					NV-VX37EN/ENH/A
	R5001	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
	R5002	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
	R5003	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
	R5004	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
	R5005	ERJ3GEYG113	M.RESISTOR CH 1/16W 11K	1	
	R5007	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R5008	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7	1	
	R5500	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R5501	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
	R5502	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R5503	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
	R5504	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R5505	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R5506	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
	R5507	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R5508	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R5510	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R5513	ERJ3GEYJ225	M.RESISTOR CH 1/16W 2.2K	1	
	R5514	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R5515	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R5516	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R5517	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R5521	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R5522	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R5523	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R5524	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R5526	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R5527	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6001	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
	R6002	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
	R6003	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6004	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R6005	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6006	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R6007	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R6008	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R6009	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6010	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R6011	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R6012	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6013	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R6014	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
	R6015	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6016	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6017	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R6018	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R6019	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6020	ERJ3GEYG333	M.RESISTOR CH 1/16W 33K	1	
	R6021	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R6022	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R6023	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R6024	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6025	ERJ3GEYJ335	M.RESISTOR CH 1/16W 3.3M	1	
	R6026	ERJ3GEYG223	M.RESISTOR CH 1/16W 22K	1	
	R6027	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
	R6028	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R6029	ERJ3GEYJ304	M.RESISTOR CH 1/16W 30K	1	
	R6030	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6031	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R6032	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6033	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R6034	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6035	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6036	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R6037	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R6038	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R6039	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R6040	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
	R6041	ERJ8GEYJ120	M.RESISTOR CH 1/8W 12	1	
	R6042	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R6043	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R6044	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
	R6045	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
	R6046	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
	R6047	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6051	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
	R6052	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
	R6053	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6054	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6055	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R6057	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6058	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
	R6059	ERJ3RBD433	M.RESISTOR CH 1/16W 47K	1	
	R6060	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R6061	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
	R6062	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R6063	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R6064	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
	R6065	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R6066	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
	R6067	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
	R6068	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R6069	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
	R6070	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
	R6071	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R6072	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R6073	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R6074	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6075	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6076	VLP0175	COIL	1	
	R6077	VLP0175	COIL	1	
	R6078	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6079	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6080	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
	R6082	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R6083	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6084	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6085	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R6086	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R6087	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R6088	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6089	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6090	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
	R6091	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
	R6092	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6093	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
	R6094	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6095	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
	R6096	VLP0175	COIL	1	
	R6097	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6098	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R6099	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R6100	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R6101	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
	R6103	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
	R6104	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6105	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R6106	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
	R6107	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
	R6108	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6109	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R6110	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R6111	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
	R6112	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R6113	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6114	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6115	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6116	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R6117	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R6118	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R6119	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R6120	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R6121	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6122	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
	R6123	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
	R6124	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
	R6126	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R6128	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
	R6129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R6131	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R6132	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6133	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R6140	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	1	
	R6203	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
	R6204	ERJ3GEYJ824	M.RESISTOR CH 1/16W 820K	1	
	R6205	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R6206	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	1	
	R6207	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
	R6211	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R6801	ERJ8GEYJ101	M.RESISTOR CH 1/8W 100	1	
	R6802	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
	R#301	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	NV-VX57EG/E
					NV-VX54B
	RA301	EXBV4V104J	RESISTOR-RESISTOR	1	
	RA602	EXBV4VR000	RESISTOR-RESISTOR	1	
	RA604	EXBV4V223J	RESISTOR-RESISTOR	1	
	RA704	EXBV4V473J	RESISTOR-RESISTOR	1	
	RA6001	EXBV8V102J	RESISTOR-RESISTOR	1	
	RA6002	EXBV4V102J	RESISTOR-RESISTOR	1	
	RA6003	EXBV8V102J	RESISTOR-RESISTOR	1	
	RA6004	EXBV4V683J	RESISTOR-RESISTOR	1	
	RA6006	EXBV4V683J	RESISTOR-RESISTOR	1	
	RA6007	EXBV8V683J	RESISTOR-RESISTOR	1	
	RA6008	EXBV4V683J	RESISTOR-RESISTOR	1	
	RA6009	EXBV4V272J	RESISTOR-RESISTOR	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	RA6010	EXBV8V102J	RESISTOR-RESISTOR	1	
	RA6011	EXBV4V683J	RESISTOR-RESISTOR	1	
	RA6013	EXBV4V101J	RESISTOR-RESISTOR	1	
	RA6014	EXBV4V332J	RESISTOR-RESISTOR	1	
	T1001	ELL04T081R	TRANSFORMER	1	
	T4001	EQQ6QB009T	TRANSFORMER	1	
	W3002	VLP0184	COIL	1	
	X301	VSX1050	CRYSTAL OSCILLATOR	1	
	X601	VSX0672	CRYSTAL OSCILLATOR	1	
	X6001	VSX0917	CRYSTAL OSCILLATOR	1	
	X6003	VSX0601	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VMZ2871	BARRIER	1	NV-VX57EG/E
					NV-VX54B
		VMZ2947	BARRIER	1	NV-VX57EG/E
					NV-VX54B
	■	VEP26215A	MONITOR C.B.A.		(RTL)
	C901	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C902	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C904	ECUM0J225KBN	C.CAPACITOR CH 6.3V 2.2U	1	
	C905	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C907	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C908	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C909	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	C910	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C911	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C912	ECUM0J225KBN	C.CAPACITOR CH 6.3V 2.2U	1	
	C913	ECUM0J225KBN	C.CAPACITOR CH 6.3V 2.2U	1	
	C914	ECST1EX475Z	T.CAPACITOR CH 25V 4.7U	1	
	C915	ECUM1C106VBP	C.CAPACITOR CH 16V 10U	1	
	C916	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1	
	C917	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C918	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C919	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C925	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C926	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C927	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
	C930	ECUM1C225KB	C.CAPACITOR CH 16V 2.2U	1	
	C931	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C932	ECUM1A225KBM	C.CAPACITOR CH 10V 2.2U	1	
	C933	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C935	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
	C936	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
	C937	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
	C938	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C939	ECST0JY106Z	T.CAPACITOR CH 6.3V 10U	1	
	C940	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
	C941	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C942	ECUM1A105KBN	C.CAPACITOR CH 10V 1U	1	
	D901	MA111	DIODE	1	
	D902	MA133	DIODE	1	
	FP901	VJS3320B024	CONNECTOR (FEMALE) 24P	1	
	FP902	VJS3320B006	CONNECTOR (FEMALE) 6P	1	
	IC901	S80827ANNP	IC	1	
	IC903	F432180APM	IC	1	
	IC904	XC62FP3002MR	IC	1	
	IC906	TA75S558F	IC	1	
	L901	VLQ0319K101	COIL 100UH	1	
	L902	ELJPA470KB	COIL 47UH	1	
	L903	ELJFA470JB	CHIP INDUCTOR 47UH	1	
	L904	VLQ0319K100	COIL 10UH	1	
	L905	ELJPA470KB	COIL 47UH	1	
	L906	ELJPA470KB	COIL 47UH	1	
	L907	ELJPA470KB	COIL 47UH	1	
	L908	ELJPA470KB	COIL 47UH	1	
	L910	ELJPA470KB	COIL 47UH	1	
	LB901	VLP0180	COIL	1	
	P901	VJP4002B010P	CONNECTOR (MALE) 10P	1	
	P902	VJP4002B012P	CONNECTOR (MALE) 12P	1	
	Q901	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q902	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q903	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q904	XP4501	TRANSISTOR-TRANSISTOR	1	
	Q905	2SK2159	TRANSISTOR	1	
	Q906	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q907	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q908	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q909	XP4601	TRANSISTOR-TRANSISTOR	1	
	Q910	2SB1462-R	TRANSISTOR	1	
	Q911	XP1501	TRANSISTOR-TRANSISTOR	1	
	QR901	UN9111	TRANSISTOR-RESISTOR	1	
	R901	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R902	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R903	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R904	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R905	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R906	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R907	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
	R908	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
	R909	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
	R910	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
	R911	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
	R912	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
	R913	ERJ3GEYJ824	M.RESISTOR CH 1/16W 820K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R914	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
	R915	ERJ3GEYJ475	M.RESISTOR CH 1/16W 4.7M	1	
	R916	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R917	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R919	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
	R920	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
	R921	ERJ6GEYJ335	M.RESISTOR CH 1/10W 3.3M	1	
	R922	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
	R923	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
	R924	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
	R925	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
	R926	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
	R927	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
	R928	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
	R929	ERJ3GEYJ511	M.RESISTOR CH 1/16W 510	1	
	R930	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
	R931	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R932	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R933	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R934	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R935	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
	R936	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R937	ERJ8GEYJ335	M.RESISTOR CH 1/8W 3.3M	1	
	R938	ERJ8GEYJ335	M.RESISTOR CH 1/8W 3.3M	1	
	R939	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
	R940	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
	R941	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
	R942	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
	R947	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
	R948	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
	R949	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
	R950	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R951	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R952	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R953	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R954	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R955	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
	R956	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
	R958	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R959	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
	R965	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
	R968	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
	R969	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
	R970	ERJ3RED184	M.RESISTOR CH 1/16W 180K	1	
	R971	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
	R972	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
	R973	ERJ3RED154	M.RESISTOR CH 1/16W 150K	1	
	R974	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
	R975	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R976	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
	R977	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R978	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	R979	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
	T901	ETJ09K44AZ	CHIP TRANSFORMER	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	T902	EFTU21R202	TRANSFORMER	1	
	X901	EF0B1605E5	CERAMIC OSCILLATOR	1	
	■	VEP28259A	E.V.F. C.B.A.		(RTL)
	C801	ECQV1H104JL	P.CAPACITOR 50V 0.1U	1	
	C802	ECA1CKF470	E.CAPACITOR 16V 47U	1	
	C803	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C804	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
	C805	ECEA0JKE221	E.CAPACITOR 6.3V 220U	1	
	C806	ECUM1H123KBN	C.CAPACITOR CH 50V 0.012U	1	
	C807	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	
	C809	ECA1CKF470	E.CAPACITOR 16V 47U	1	
	C811	VCEA1ACC101	E.CAPACITOR 10V 100U	1	
	C812	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
	C813	ECUM2J221KBM	C.CAPACITOR CH 630V 220P	1	
	C814	VCEA1HCC010	E.CAPACITOR 50V 100U	1	
	C815	ECUM2H331KBM	C.CAPACITOR CH 500V 330P	1	
	C816	ECUM1C104KBN	C.CAPACITOR CH 16V 0.1U	1	
	C818	ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
	C831	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
	C832	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
	C833	ECUM2A472JUM	C.CAPACITOR CH 100V 4700P	1	
	D803	MA142WA	DIODE	1	
	D804	MA143A	DIODE	1	
	IC801	AN2516S	IC	1	
	L801	ELJPA220KB	COIL 22UH	1	
	L802	ELH5L3101	COIL	1	
	L804	VLQ0426J680	COIL 68UH	1	
	L806	VLQ0426J330	COIL 33UH	1	
	P801	VJP1597T	CONNECTOR (MALE) 4P	1	
	P802	VJP3318A004	CONNECTOR (MALE) 4P	1	
	P803	VJP1596T	CONNECTOR (MALE) 3P	1	
	P804	VJP1229A	CONNECTOR (MALE) 2P	1	
	Q802	2SD968A-S	TRANSISTOR	1	
	Q803	2SB1218A	TRANSISTOR	1	
	Q804	2SB1218A	TRANSISTOR	1	
	R801	ERJ6ENF4422	M.RESISTOR CH 1/10W 2.2K	1	
	R802	ERJ6GEYJ3R9	M.RESISTOR CH 1/10W 3.9	1	
	R804	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R806	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
	R807	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	1	
	R808	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
	R809	ERJ6GEYJ564	M.RESISTOR CH 1/10W 560K	1	
	R810	ERJ6RBD104	M.RESISTOR CH 1/10W 100K	1	
	R811	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
	R815	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R816	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
	R817	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
	R818	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
	R819	ERJ8GEYJ275	M.RESISTOR CH 1/8W 2.7M	1	
	R820	ERJ8GEYJ335	M.RESISTOR CH 1/8W 3.3M	1	
	R821	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
	R823	ERJ6GEYJ8R2	M.RESISTOR CH 1/10W 8.2	1	
	R829	ERJ6ENF4222	M.RESISTOR CH 1/10W 2.2K	1	
	R833	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
	R834	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
	R835	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
	R836	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
	R840	ERJ8GEYJ106	M.RESISTOR CH 1/8W 10M	1	
	R841	ERJ8GEYJ825	M.RESISTOR CH 1/8W 8.2M	1	
	R842	ERJ8GEYJ106	M.RESISTOR CH 1/8W 10M	1	
	R843	ERJ8GEYJ825	M.RESISTOR CH 1/8W 8.2M	1	
	R844	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
	R845	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
	R850	ERJ6RBD822	M.RESISTOR CH 1/10W 8.2K	1	
	R851	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
	R852	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
	R853	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
	S801	VEE0C17	CRT SOCKET	1	
	T801	ETF08L202A	FLYBACK TRANSFORMER	1	
	VR801	VRV0292B221	VARIABLE RESISTOR	1	
	VR803	EVMLSGA00BV6	TRIMMER POTENTIOMETERS	1	
	VR804	VRV0292B474	VARIABLE RESISTOR	1	
	■	VEK8760	MIC UNIT		
	C6801	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
	C6802	ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
	D6801	BR2202S-20B1	DIODE	1	
	D6802	PH310	DIODE	1	
	D6807	DN318U	LED (RED)	1	
	D6808	SIR568ST3FRS	LED (RED)	1	
	FL6801	VLF1445	FILTER	1	
	FP6801	VJS3913A017	CONNECTOR (FEMALE) 17P	1	
	IC6801	RPM6937-V4	IC	1	
	JK6801	VJJ0289	MIC JACK	1	
	L6801	VLQEL05S101K	COIL 100UH	1	
	LB6801	VLP0153	COIL	1	
	P6802	VJP3331B004	CONNECTOR (MALE) 4P	1	

	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	SW6801	VSP1083	0LUX SWITCH	1	
	W6801	VWJ0120	FLAT CARD CABLE	1	
	W6802	VWJ0120	FLAT CARD CABLE	1	
	W6803	VWJ0120	FLAT CARD CABLE	1	
			MISCELLANEOUS		
		VGQ5187	IR HOLDER	1	
		VWJ17XW050LL	FLAT CARD CABLE	1	
		VYQ1725	FILTER KNOB	1	
		XQN2+BJ4	SCREW	1	
		VGQ4709	BARRIER	1	
	■	VEP22276A	CCD FLEX. CARD C.B.A.		(RTL)
	C292	ECST1VX225Z	T.CAPACITOR CH 35V 2.2U	1	
	C295	ECUM1E104ZFN	C.CAPACITOR CH 25V 0.1U	1	
	D291	MA153	DIODE	1	
	PS291	VJS3500C012	CONNECTOR (FEMALE) 12P	1	
	Q291	2SC2295	TRANSISTOR	1	
	R291	ERJ6GEYJ560	M.RESISTOR CH 1/10W 56	1	
	R292	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
	R293	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
			MISCELLANEOUS		
		VJB22276	FLEX. CARD	1	
	■	VXP1936	MF RING UNIT		
	PC710	SG-211S	PHOTO INTERRUPTER	1	
	PC711	SG-211S	PHOTO INTERRUPTER	1	
			MISCELLANEOUS		
		XQN16+CJ5FZ	SCREW	4	
	■	VEP06C50A	SENSOR FLEX. C.B.A.		(RTL)
	IC991	DN8797MSC	IC	1	
	IC992	DN8797MSC	IC	1	

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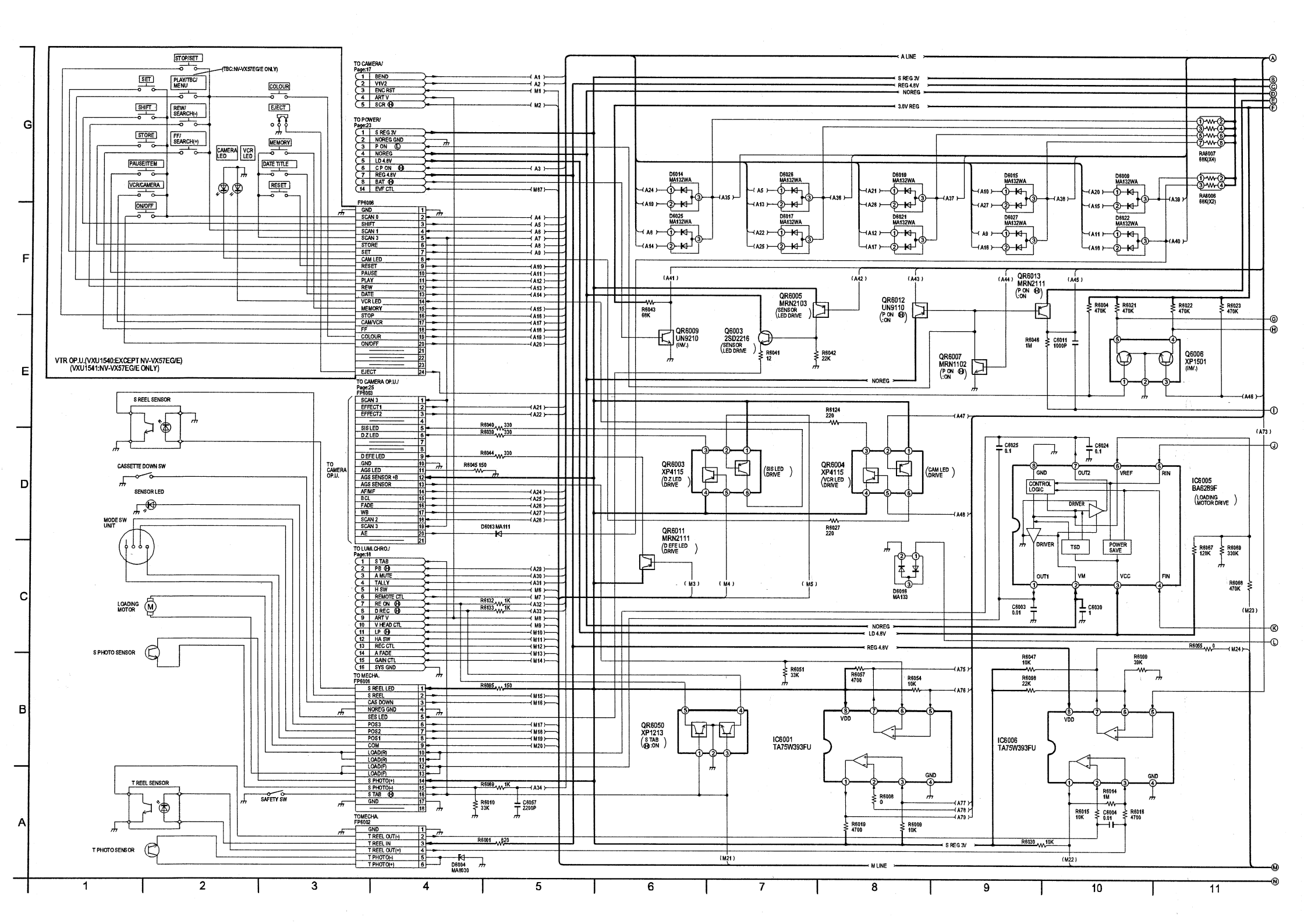
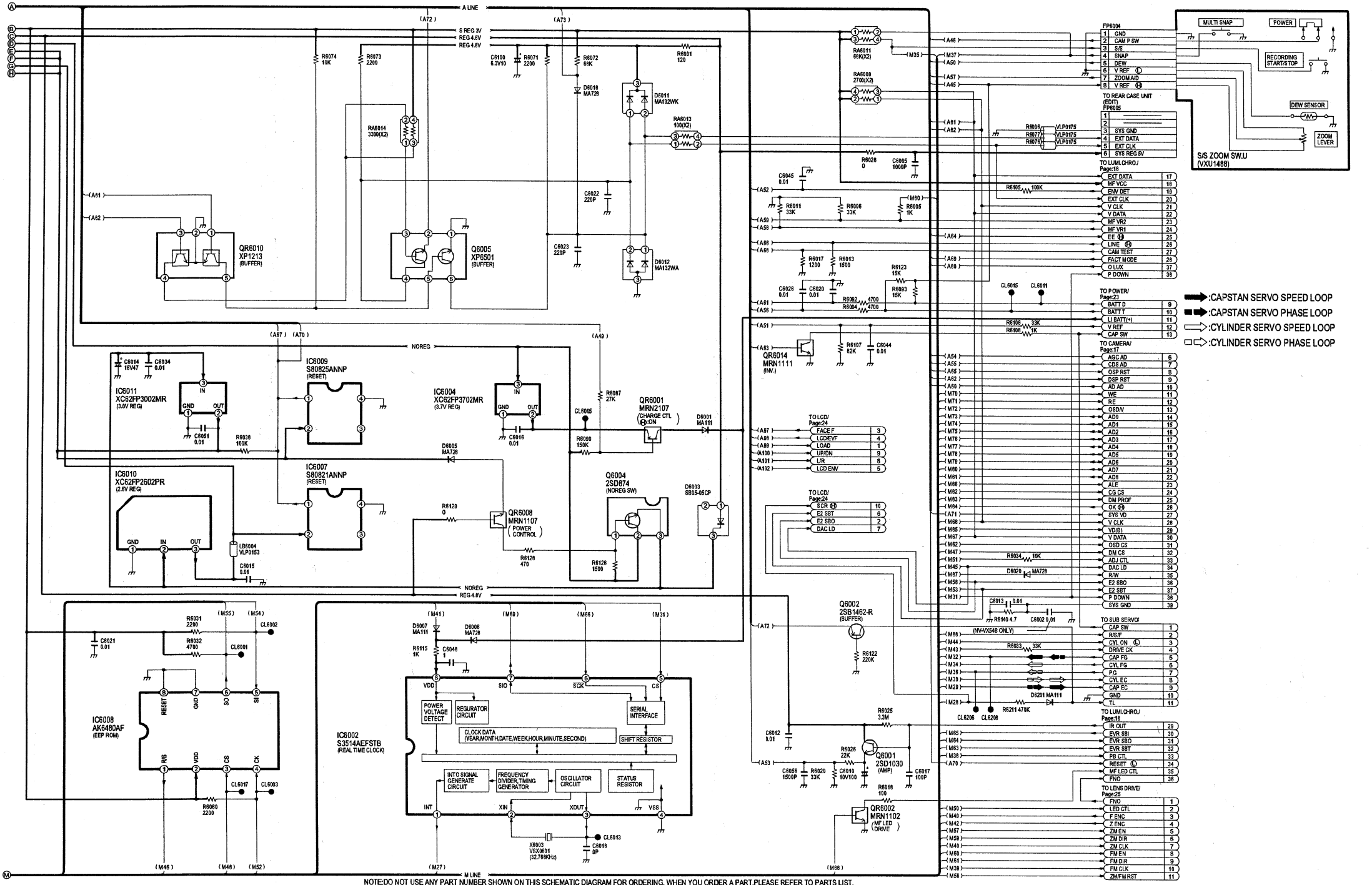
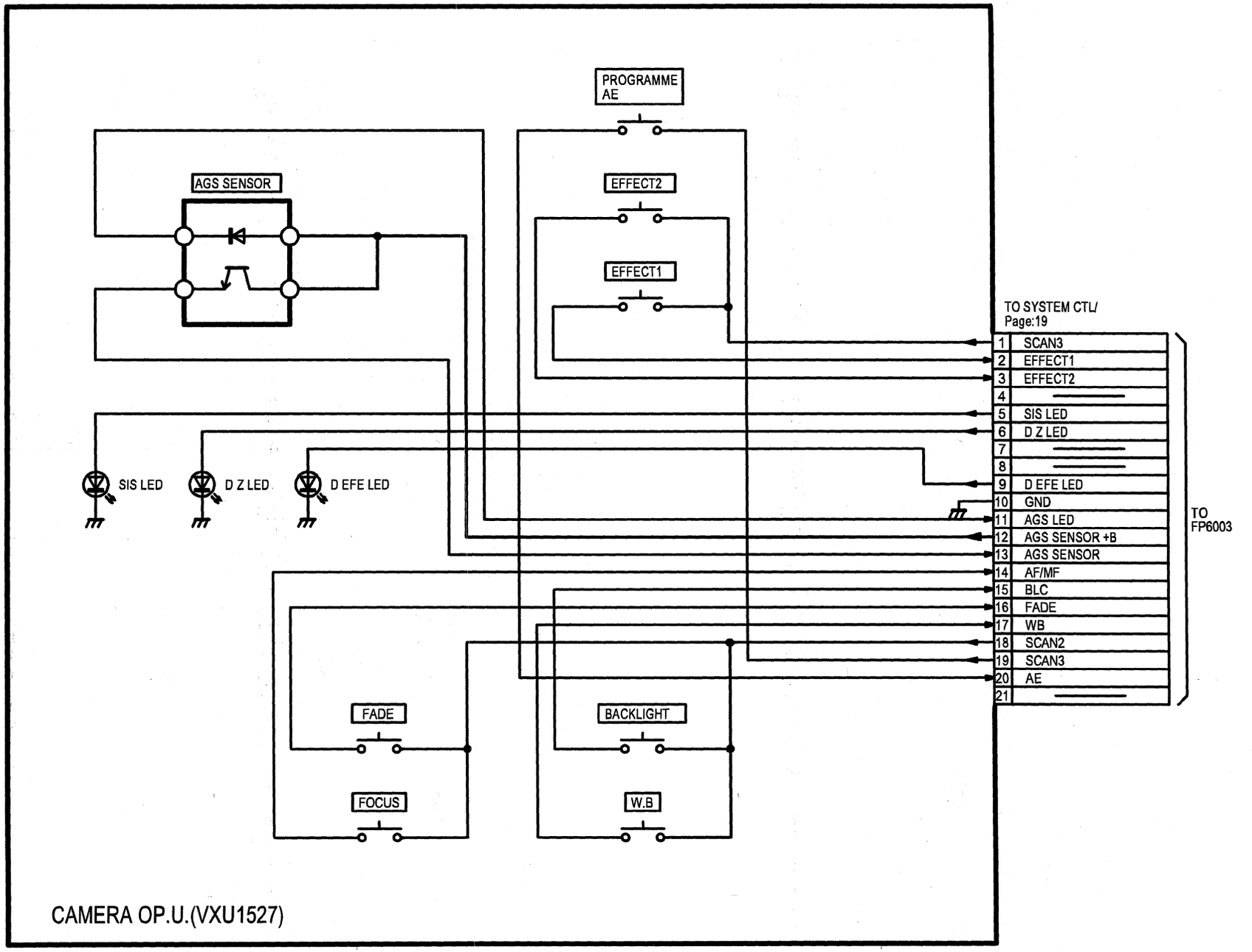

STOP/SET
(TBC:NV-VX57EG/E ONLY)
SET
PLAY/TBC/ MENU
COLOUR
SHIFT
REW/ SEARCH(-)
EJECT
STORE
FF/ SEARCH(+)
MEMORY
CAMERA LED
VCR LED
DATE TITLE
PAUSE/ITEM
RESET
VCR/CAMERA
ON/OFF
VTR OP.U.(VXU1540:EXCEPT NV-VX57EG/E)
(VXU1541:NV-VX57EG/E ONLY)
TO CAMERA/ Page:17
BEND
V4V2
ENC RST
ART V
SCR
TO POWER/ Page:23
S REG 3V
NOREG GND
P ON
NOREG
LD 4.8V
C.P ON
REG 4.8V
BAT
EVF CTL
FP6006
GND
SCAN 0
SHIFT
SCAN 1
SCAN 3
STORE
SET
CAM LED
RESET
PAUSE
PLAY
REW
DATE
VCR LED
MEMORY
STOP
CAM/VCR
FF
COLOUR
ON/OFF
EJECT
TO CAMERA OP.U./ Page:25
FP6003
SCAN 3
EFFECT1
EFFECT2
SIS LED
D.Z LED
D.EFE LED
GND
AGS LED
AGS SENSOR +B
AGS SENSOR
AF/MF
BCL
FADE
WB
SCAN 2
SCAN 3
AE
TO LUM/.CHRO./ Page:16
S TAB
PB
A.MUTE
TALLY
H SW
REMOTE CTL
RE ON
D.REC
ART V
V.HEAD CTL
LP
HA SW
REC CTL
A.FADE
GAIN CTL
SYS GND
TO MECHA. FP6001
S REEL LED
S REEL
CAS DOWN
NOREG GND
SES LED
POS3
POS2
POS1
COM
LOAD(R)
LOAD(R)
LOAD(F)
LOAD(F)
S PHOTO(+)
S PHOTO(-)
S TAB
GND
TOMECHA. FP6002
GND
T REEL OUT(-)
T REEL IN
T REEL OUT(+)
T PHOTO(-)
T PHOTO(+)
S REEL SENSOR
CASSETTE DOWN SW
SENSOR LED
MODE SW UNIT
LOADING MOTOR
S PHOTO SENSOR
T REEL SENSOR
SAFETY SW
T PHOTO SENSOR
TO CAMERA OP.U.
R6040 330
R6039 330
R6044 330
R6045 150
R6132 1K
R6133 1K
R6095 150
R6069 1K
R6010 33K
C6057 2200P
R6001 820
D6013 MA111
D6094 MA9030
A LINE
S REG 3V
REG 4.8V
NOREG
3.0V REG
D6014 MA132WA
D6025 MA132WA
D6026 MA132WA
D6017 MA132WA
D6019 MA132WA
D6021 MA132WA
D6015 MA132WA
D6027 MA132WA
D6009 MA132WA
D6022 MA132WA
RA6007 68K(X4)
RA6006 68K(X2)
R6043 68K
QR6009 UN9210 (INV.)
Q6003 2SD2216 (SENSOR LED DRIVE)
R6041 12
R6042 22K
QR6005 MRN2103 (SENSOR LED DRIVE)
QR6012 UN9110 (P ON :ON)
QR6013 MRN2111 (P ON :ON)
QR6007 MRN1102 (P ON :ON)
R6046 1M
C6011 1000P
R6004 470K
R6021 470K
R6022 470K
R6023 470K
Q6006 XP1501 (INV.)
R6124 220
QR6003 XP4115 (D.Z LED DRIVE)
(SIS LED DRIVE)
QR6004 XP4115 (VCR LED DRIVE)
(CAM LED DRIVE)
R6027 220
QR6011 MRN2111 (D.EFE LED DRIVE)
D6016 MA133
C6025 0.1
C6024 0.1
IC6005 BA6289F (LOADING MOTOR DRIVE)
CONTROL LOGIC
DRIVER
TSD
POWER SAVE
C6003 0.01
C6030 1
R6067 120K
R6069 330K
R6068 470K
NOREG
LD 4.8V
REG 4.8V
R6065 0
R6051 33K
QR6050 XP1213 (S TAB :ON)
IC6001 TA75W393FU
R6057 4700
R6054 10K
R6008 0
R6019 4700
R6009 10K
R6047 10K
R6098 22K
R6099 39K
IC6006 TA75W393FU
R6014 1M
R6015 10K
C6004 0.01
R6016 4700
R6030 10K
S REG 3V
M LINE



NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

23 24 25 26 27 28 29 30 31 32 33



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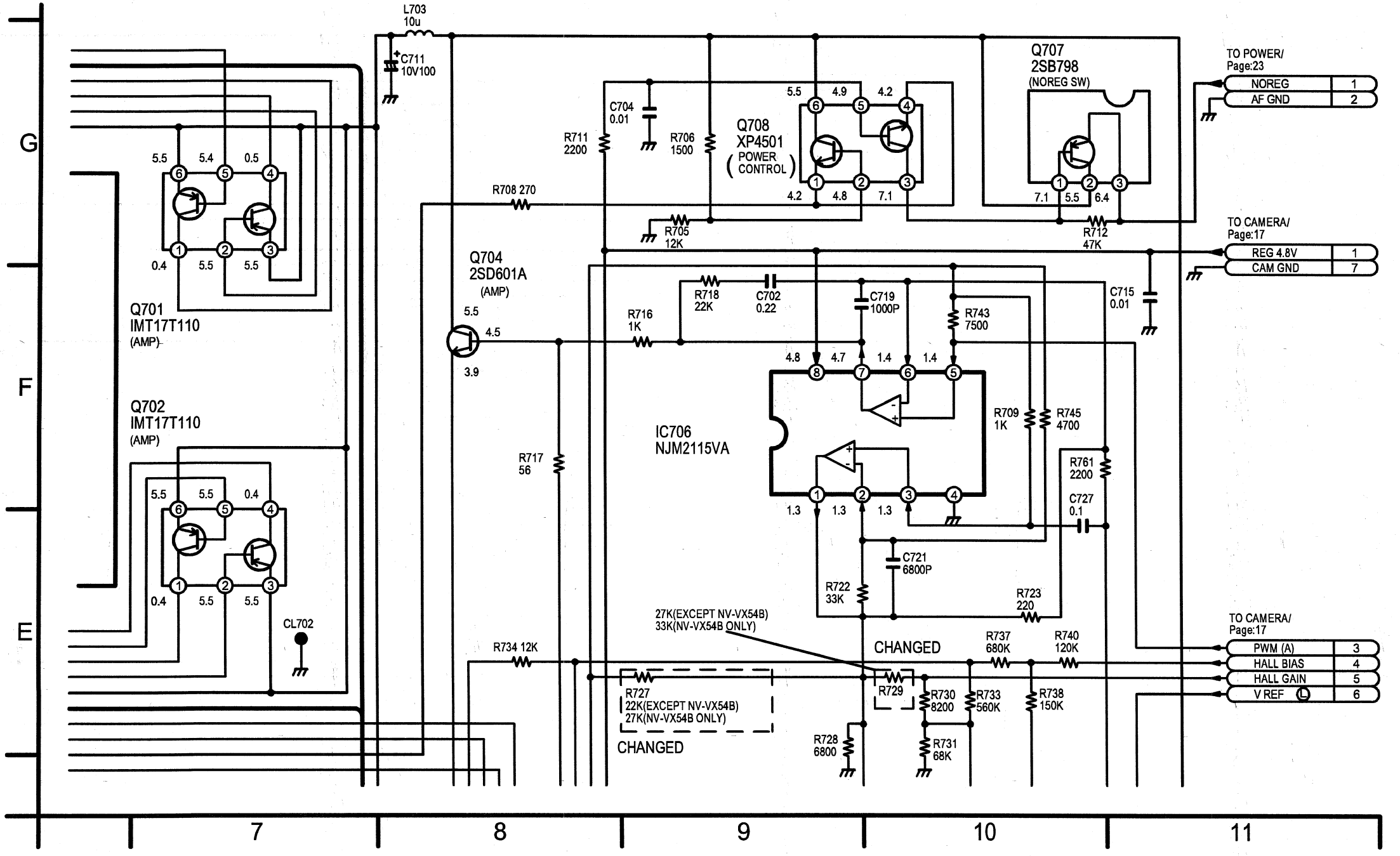
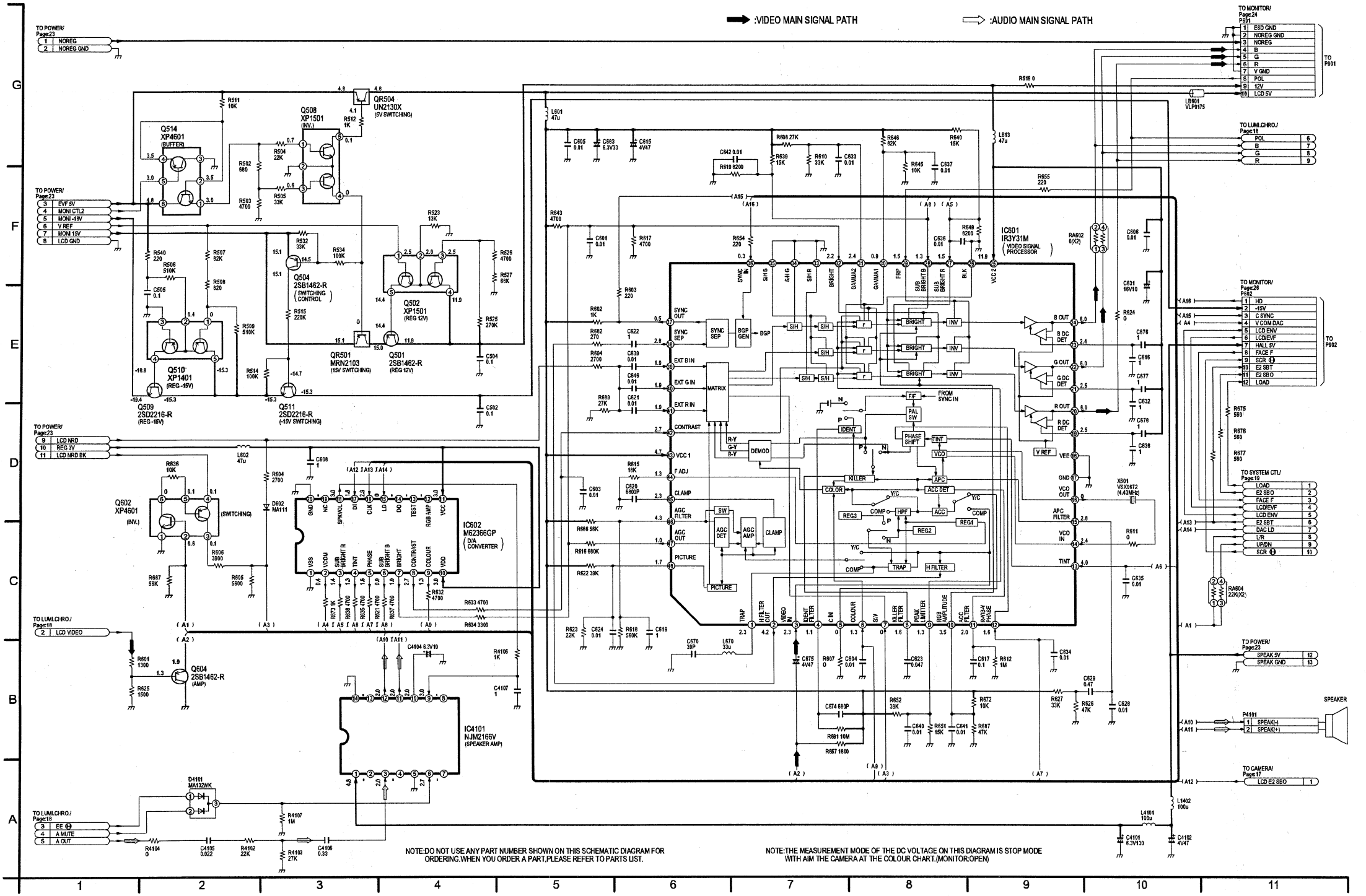
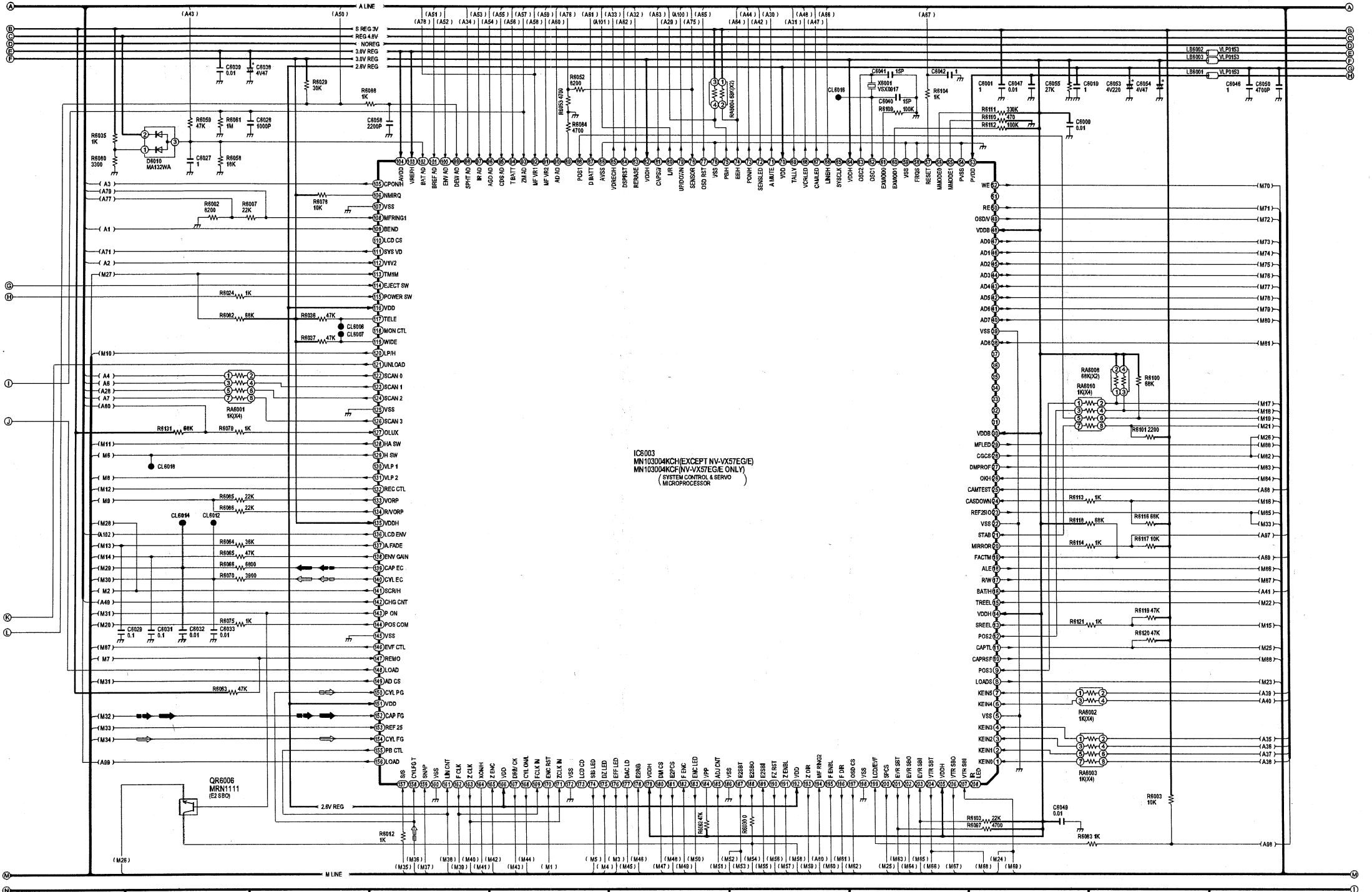
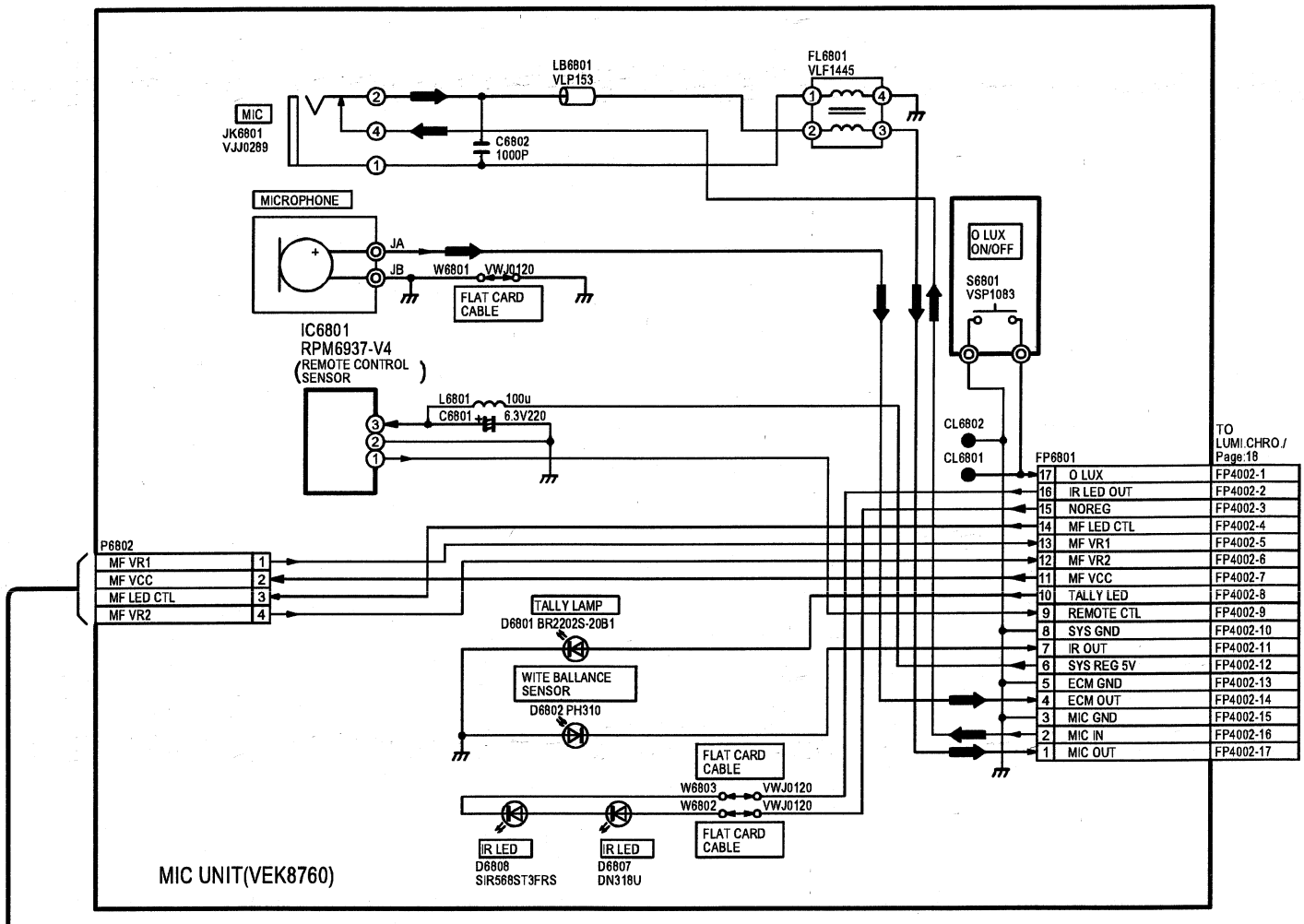
WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

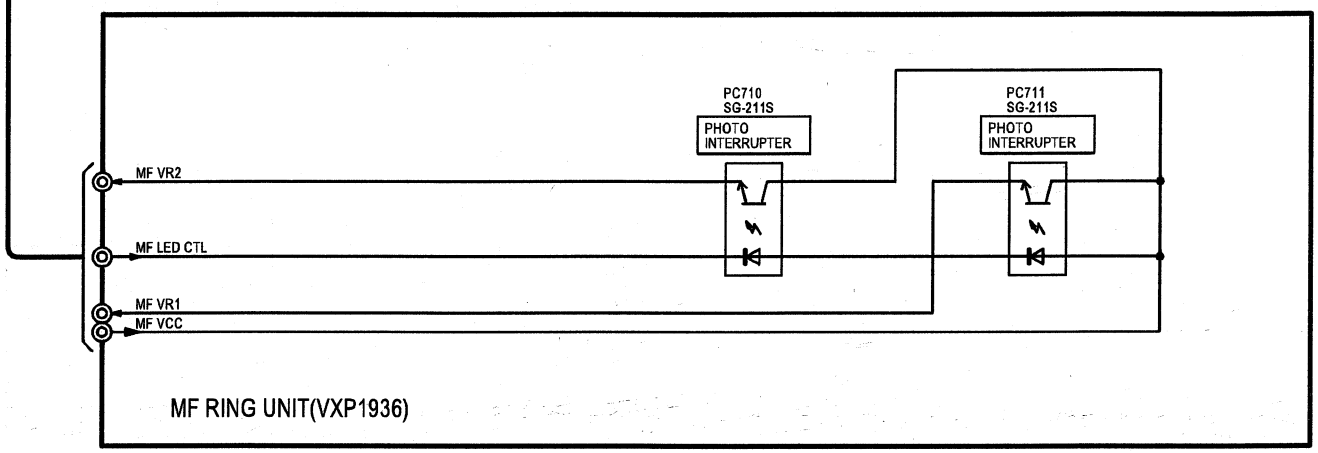

L703
10u
C711
10V100
Q701
IMT17T110
(AMP)
Q702
IMT17T110
(AMP)
CL702
C704
0.01
R711
2200
R706
1500
Q708
XP4501
(POWER
CONTROL)
R708 270
R705
12K
Q704
2SD601A
(AMP)
R716
1K
R718
22K
C702
0.22
C719
1000P
R743
7500
C715
0.01
IC706
NJM2115VA
R709
1K
R745
4700
R761
2200
C727
0.1
R717
56
C721
6800P
R722
33K
R723
220
27K(EXCEPT NV-VX54B)
33K(NV-VX54B ONLY)
CHANGED
R734 12K
R737
680K
R740
120K
R727
22K(EXCEPT NV-VX54B)
27K(NV-VX54B ONLY)
CHANGED
R729
R730
8200
R733
560K
R738
150K
R728
6800
R731
68K
Q707
2SB798
(NOREG SW)
R712
47K
TO POWER/
Page:23
NOREG 1
AF GND 2
TO CAMERA/
Page:17
REG 4.8V 1
CAM GND 7
TO CAMERA/
Page:17
PWM (A) 3
HALL BIAS 4
HALL GAIN 5
V REF 6
G
F
E
7
8
9
10
11


:VIDEO MAIN SIGNAL PATH
:AUDIO MAIN SIGNAL PATH
IC601 IR3Y31M (VIDEO SIGNAL PROCESSOR)
IC602 M62366GP (D/A CONVERTER)
IC4101 NJM2166V (SPEAKER AMP)
Q501 2SB1462-R (REG 12V)
Q502 XP1501 (REG 12V)
Q504 2SB1462-R (SWITCHING CONTROL)
Q508 XP1501 (INV.)
Q509 2SD2216-R (REG -15V)
Q510 XP1401 (REG -15V)
Q511 2SD2216-R (-15V SWITCHING)
Q514 XP4601 (BUFFER)
QR501 MRN2103 (15V SWITCHING)
QR504 UN2130X (5V SWITCHING)
Q602 XP4601 (INV.)
Q604 2SB1462-R (AMP)
TO POWER/ Page23
TO LUMI.CHRO./ Page18
TO MONITOR/ Page24 P601
TO MONITOR/ Page26 P602
TO SYSTEM CTL/ Page19
TO CAMERA/ Page17
TO P901
TO P902
SPEAKER
NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.
NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE WITH AIM THE CAMERA AT THE COLOUR CHART.(MONITOR:OPEN)

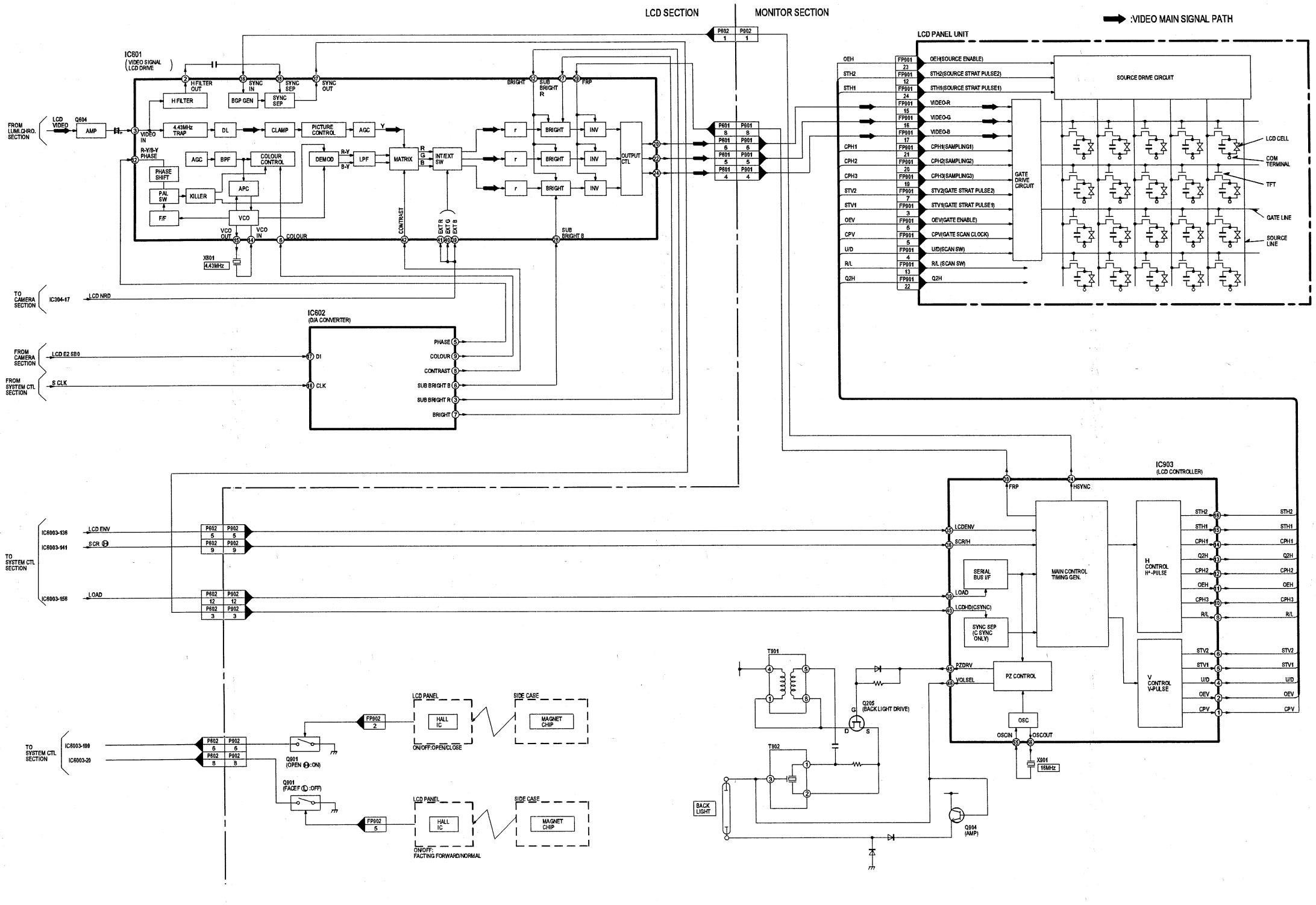

IC6003
MN103004KCH(EXCEPT NV-VX57EG/E)
MN103004KCF(NV-VX57EG/E ONLY)
(SYSTEM CONTROL & SERVO MICROPROCESSOR)
A LINE
M LINE
S REG 3V
REG 4.6V
NOREG
3.0V REG
3.0V REG
2.6V REG
2.6V REG
QR6006
MRN1111
(E2 SBO)
12
13
14
15
16
17
18
19
20
21
22

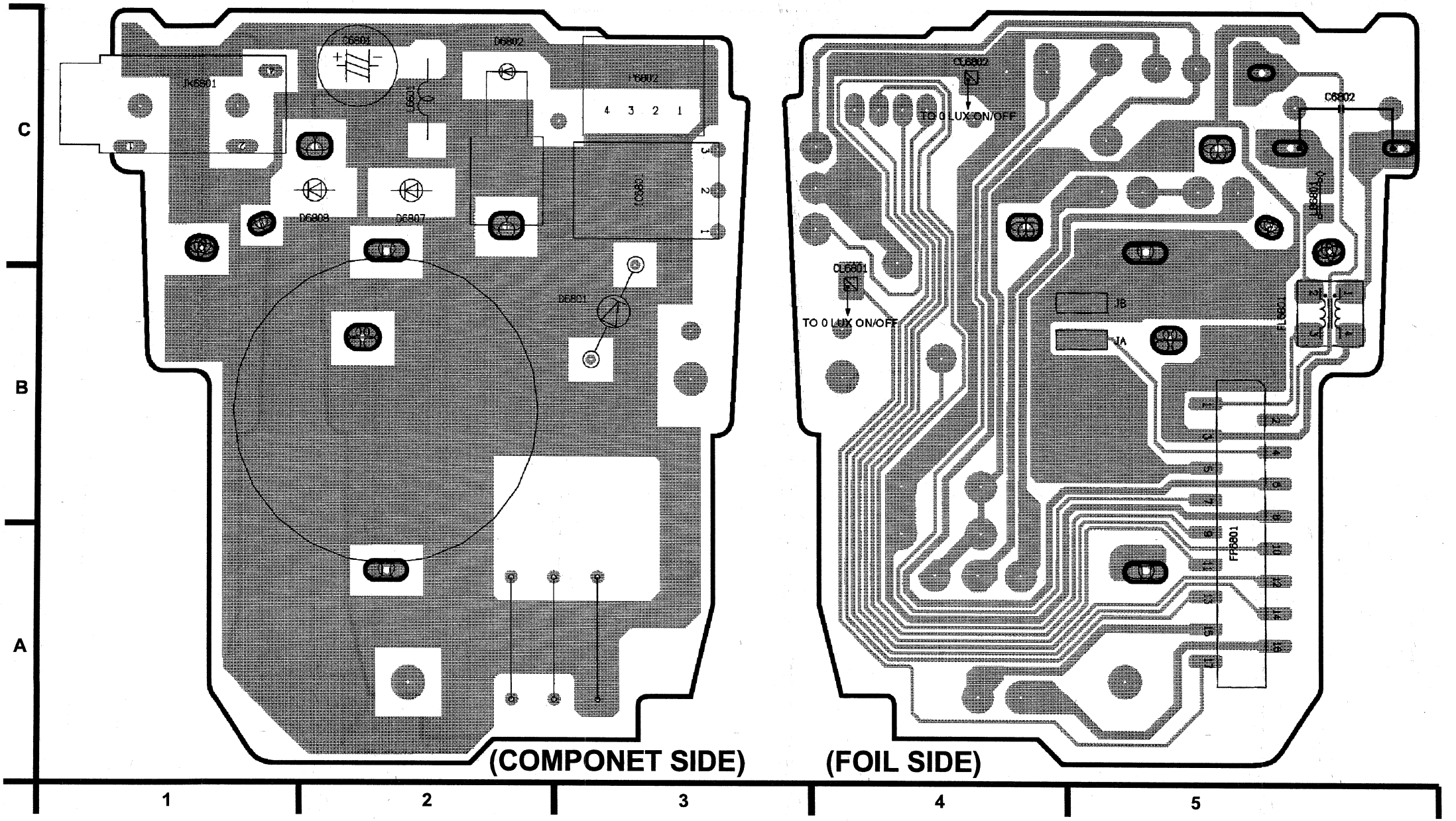
:AUDIO MAIN SIGNAL PATH





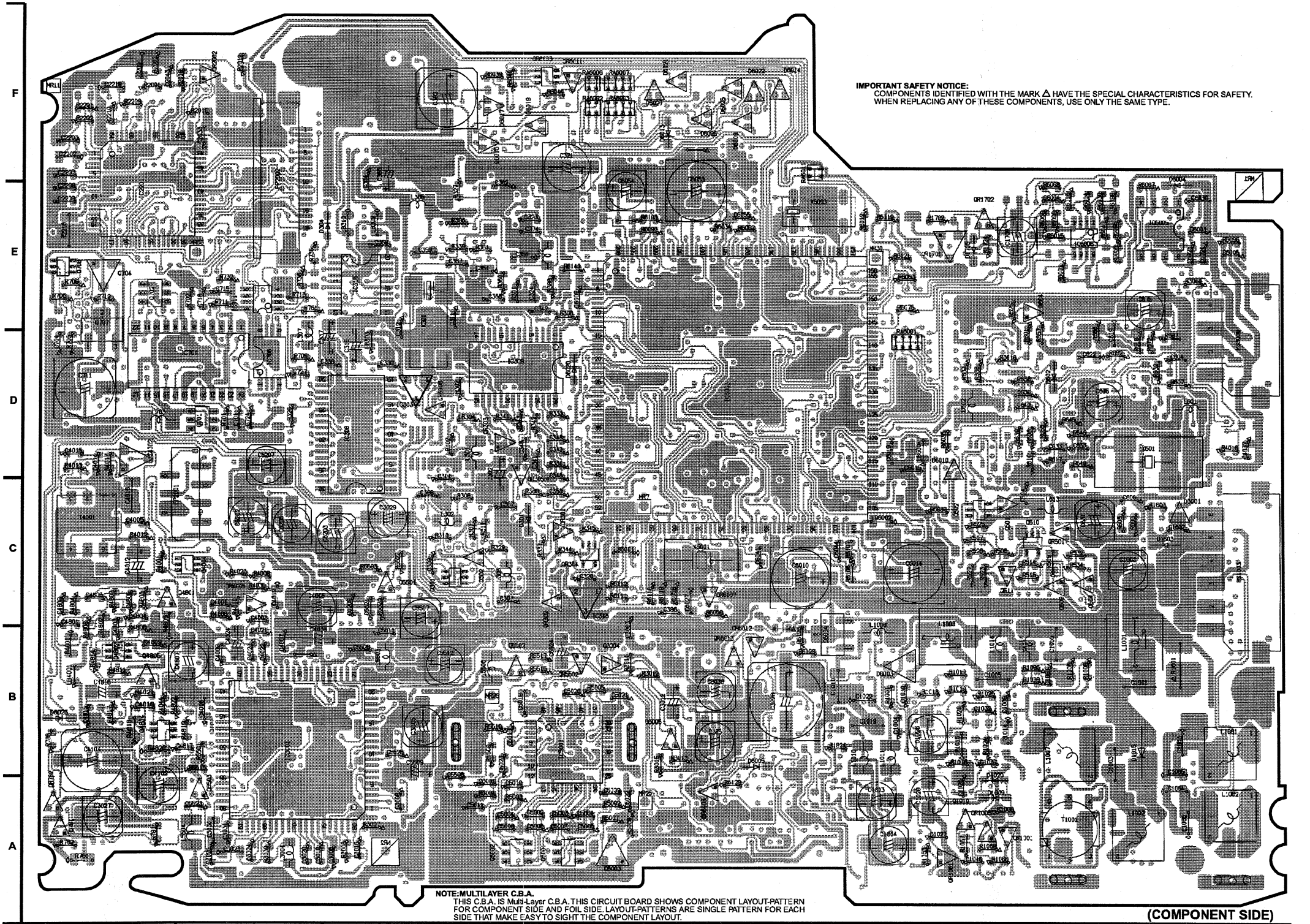
NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART. PLEASE REFER TO PARTS LIST.


LCD SECTION
MONITOR SECTION
:VIDEO MAIN SIGNAL PATH
LCD PANEL UNIT
IC601
(VIDEO SIGNAL LCD DRIVE)
FROM LUMI.CHRO. SECTION
LCD VIDEO
Q604
AMP
VIDEO IN
R-Y/B-Y PHASE
H FILTER
4.43MHz TRAP
DL
CLAMP
PICTURE CONTROL
AGC
Y
PHASE SHIFT
PAL SW
KILLER
APC
F/F
VCO
BPF
COLOUR CONTROL
DEMOD
LPF
MATRIX
INT/EXT SW
OUTPUT CTL
BRIGHT
INV
SUB BRIGHT R
SUB BRIGHT B
FRP
SYNC IN
SYNC SEP
SYNC OUT
BGP GEN
X601
4.43MHz
CONTRAST
EXT R
EXT G
EXT B
TO CAMERA SECTION
IC304-17
LCD NRD
IC602
(D/A CONVERTER)
FROM CAMERA SECTION
LCD E2 SB0
FROM SYSTEM CTL SECTION
S CLK
DI
CLK
PHASE
COLOUR
CONTRAST
SUB BRIGHT B
SUB BRIGHT R
BRIGHT
P602
P902
P601
P901
OEH
STH2
STH1
CPH1
CPH2
CPH3
STV2
STV1
OEV
CPV
U/D
R/L
Q2H
FP901
OEH(SOURCE ENABLE)
STH2(SOURCE STRAT PULSE2)
STH1(SOURCE STRAT PULSE1)
VIDEO-R
VIDEO-G
VIDEO-B
CPH1(SAMPLING1)
CPH2(SAMPLING2)
CPH3(SAMPLING3)
STV2(GATE STRAT PULSE2)
STV1(GATE STRAT PULSE1)
OEV(GATE ENABLE)
CPV(GATE SCAN CLOCK)
U/D(SCAN SW)
R/L (SCAN SW)
Q2H
SOURCE DRIVE CIRCUIT
GATE DRIVE CIRCUIT
LCD CELL
COM TERMINAL
TFT
GATE LINE
SOURCE LINE
IC903
(LCD CONTROLLER)
FRP
HSYNC
LCDENV
SCR/H
LOAD
LCDHD(CSYNC)
SERIAL BUS I/F
SYNC SEP (C SYNC ONLY)
MAIN CONTROL TIMING GEN.
H CONTROL H*-PULSE
V CONTROL V-PULSE
PZDRV
VOLSEL
PZ CONTROL
OSC
OSCIN
OSCOUT
X901
16MHz
TO SYSTEM CTL SECTION
IC6003-136
IC6003-141
IC6003-158
LCD ENV
SCR
LOAD
IC6003-199
IC6003-20
Q901
(OPEN :ON)
(FACEF :OFF)
FP902
LCD PANEL
HALL IC
ON/OFF:OPEN/CLOSE
ON/OFF: FACTING FORWARD/NORMAL
SIDE CASE
MAGNET CHIP
T901
T902
Q205
(BACK LIGHT DRIVE)
G
D
S
BACK LIGHT
Q904
(AMP)


C
B
A
1
2
3
4
5
JK6801
C6801
D6802
IC6802
4 3 2 1
CC801
D6809
D6807
D6801
CL6802
TO 0 LUX ON/OFF
C6802
CL6801
TO 0 LUX ON/OFF
JB
JA
FPB801
(COMPONET SIDE)
(FOIL SIDE)

Ref No.	IC6001										IC6002									
MODE	1	2	3	4	5	6	7	8			1	2	3	4	5	6	7	8		
STOP	0	2.9	1.1	0	0.7	1.2	0.1	3.0			3.0	0.5	0.5	0	0.3	2.7	2.6	3.1		
PLAY	0	2.9	1.1	0	0.7	1.2	0.1	3.0			3.0	0.5	0.5	0	0.3	2.7	2.6	3.1		
FF	0	2.9	1.1	0	0.7	0.9	0.1	3.0			3.0	0.5	0.5	0	0.3	2.7	2.6	3.1		
Ref No.	IC6003																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	2.9	2.9	2.9	2.9	0	0	2.9	0	0	0	0	2.9	2.4	2.9	2.9	2.9	2.9	0	2.9	0
PLAY	2.9	2.9	2.9	2.9	0	2.9	2.9	0	0	0	2.9	2.9	2.4	2.9	1.5	2.9	2.9	0	2.9	0
FF	2.9	2.9	2.9	2.9	0	2.9	2.9	0	0	0	2.9	2.9	1.3	2.9	1.5	2.9	2.9	0	2.9	0
Ref No.	IC6003																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	0	0	1.1	0	0	0	2.9	2.9	0	2.9								1.2	0	0.6
PLAY	0	0	1.1	0	0	0	2.9	2.9	0	2.9								0.3	0	0.1
FF	0	0	1.1	0	0	0	2.9	2.9	0	2.9								1.2	0	0.9
Ref No.	IC6003																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	1.2	1.3	1.5	0.8	1.5	1.2	1.2	2.9	2.9	2.9		2.9	2.9	0	0	2.9	2.9	0	0	2.9
PLAY	0.7	0.3	0.6	0.1	2.3	0.7	0.3	2.9	0	2.9		2.9	2.9	0	0	2.9	2.9	0	0	1.4
FF	0.9	0.8	1.5	1.2	1.5	1.2	1.2	2.9	2.9	2.9		2.9	2.9	0	0	2.9	2.9	0	0	2.9
Ref No.	IC6003																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	0	1.4	1.5	2.9		0	0	2.9	2.9	2.6	0	2.9	2.9	2.9	0	0	0	0.1	3.0	0
PLAY	0	2.9	0	2.9		2.9	2.9	2.9	0	2.9	0	0	0.7	0	0	0	0	0.1	3.0	0
FF	0	1.4	1.5	2.9		0	2.9	0	2.9	2.6	2.9	2.9	2.9	2.9	0	0	0	0.1	3.0	0
Ref No.	IC6003																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	0	2.9	0	2.9	0	0	2.9	2.9	0	1.6	1.0	2.9	1.5	2.9	1.7	1.5	0	0	0	1.7
PLAY	0	2.9	0	2.9	0	0	2.9	2.9	0	1.4	1.0	2.9	1.5	2.9	1.3	1.5	0	0	0	0.4
FF	0	2.9	0	2.9	0	0	2.9	2.9	0	1.5	1.0	2.9	1.5	2.9	1.6	1.5	0.2	0	0	1.7
Ref No.	IC6003																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
STOP	1.7	2.1	2.9	2.9	2.9	2.9	0	2.7	0.1	2.9	0.1	0	2.9	0	2.8	2.6	2.9		2.9	0
PLAY	1.7	2.1	2.9	2.9	0	2.9	0	2.7	0	2.9	0.1	0	2.9	0	2.8	2.6	2.9		2.9	0
FF	1.7	2.1	2.9	2.9	2.9	2.9	0	2.7	0.1	2.9	0.1	0	2.9	0	2.8	2.6	2.9		2.9	0
Ref No.	IC6003																			
MODE	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
STOP	0	2.9	2.9	2.9	0	2.9	2.9	1.5	1.5		0	0	0	0.2	2.9	0	0	0	0	1.6
PLAY	0	2.9	2.9	2.9	0	2.9	2.9	1.5	1.5		0	0	0	0.2	2.9	0	0	0	1.2	1.6
FF	0	2.9	2.9	2.9	0	2.9	2.9	1.5	1.5		0	0	0	0.2	2.9	0	0	0	1.1	1.6
Ref No.	IC6003																			
MODE	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
STOP	0	0	0	0	0	0	2.9	0	0.3	0.1	2.6	2.9	1.1	1.5	2.9	0	2.9	0.1	2.9	0
PLAY	0	0	2.9	0	0	0	2.9	0	0.3	0.1	2.6	1.5	1.1	1.5	2.9	0	2.9	0.1	2.9	0
FF	0	0	0	0	0	0	2.9	0	0.3	0.1	2.6	1.5	1.1	1.5	2.9	0	2.9	0.1	2.9	0
Ref No.	IC6003																			
MODE	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
STOP	2.9	0	0	0	0	2.6	1.5	0	0	2.9	0	0	2.9	2.9	2.9	2.9	0	2.9	2.9	2.9
PLAY	2.9	0	0	0	0	2.6	1.5	0	0	2.9	0	0	2.9	2.9	2.9	2.9	0	2.9	2.9	2.9
FF	2.9	0	0	0	0	2.6	1.5	0	0	2.9	0	0	2.9	2.9	2.9	2.9	0	2.9	2.9	2.9
Ref No.	IC6003																			
MODE	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
STOP	2.9	0	0	2.9	0	0	2.9	2.9	2.9	2.9	2.9	2.6	0	0.6	2.9	1.5	2.9	0	0	0.7
PLAY	2.9	0	0	2.9	0	0	2.9	2.9	2.9	2.9	2.9	2.6	0	0.6	2.9	0	2.9	0	0	0.7
FF	2.9	0	0	2.9	0	0	2.9	2.9	2.9	2.9	2.9	2.6	0	0.6	2.9	2.9	2.9	0	0	0.7
Ref No.	IC6003																			
MODE	202	202	203	204	205	206	207	208												
STOP	2.9	0.7	2.9	2.6	2.9	2.8	2.6													
PLAY	2.9	0.1	2.9	2.6	2.9	2.8	2.6													
FF	2.9	0.7	2.9	2.6	2.9	2.8	2.6													
Ref No.	IC6004										IC6005									
MODE	1	2	3								1	2	3	4	5	6	7	8		
STOP	0	3.7	7.6								0	7.1	4.8	0	0	2.9	0.3	0		
PLAY	0	3.7	7.6								0	7.1	4.8	0	0	2.9	0.3	0		
FF	0	3.7	7.6								0	7.1	4.8	0	0	2.9	0.3	0		
Ref No.	IC6006										IC6007									
MODE	1	2	3	4	5	6	7	8			1	2	3	4						
STOP	1.4	0.6	0.7	0	2.6	0.3	4.6	4.8			3.0	2.6		0						
PLAY	1.4	0.6	0.7	0	2.6	0.3	4.6	4.8			3.0	2.6		0						
FF	1.4	0.6	0.7	0	2.6	0.3	4.6	4.8			3.0	2.6		0						
Ref No.	IC6008										IC6009									
MODE	1	2	3	4	5	6	7	8			1	2	3	4						
STOP	3.0	3.0	3.0	3.0	3.0	3.0	0	0			3.0	3.0		0						
PLAY	3.0	3.0	3.0	3.0	3.0	3.0	0	0			3.0	3.0		0						
FF	3.0	3.0	3.0	3.0	3.0	3.0	0	0			3.0	3.0		0						
Ref No.	IC6010										IC6011									
MODE	1	2	3								1	2	3							
STOP	0	4.5	2.6								0	3.0	4.5							
PLAY	0	4.5	2.6								0	3.0	4.5							
FF	0	4.5	2.6								0	3.0	4.5							

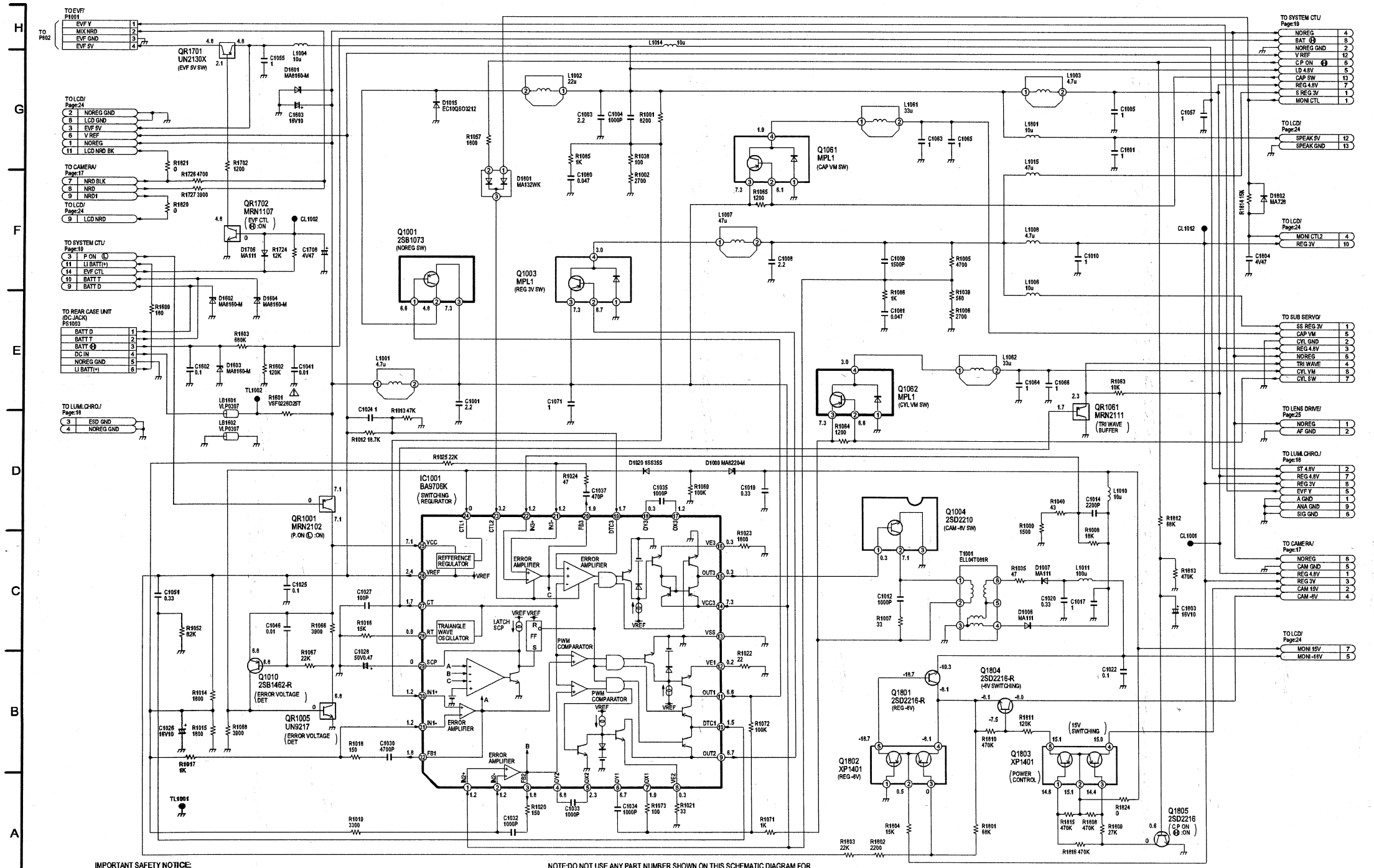
Ref No.	Q6001			Q6002			Q6003			Q6004			Q6006					
MODE	E	C	B	E	C	B	E	C	B	1	2	3	1	2	3	4	5	
STOP	2.5	4.8	2.2	0	0.3	0	0.1	7.6	0	4.2	7.0	4.5	0.5	0	0	2.8	0	
PLAY	2.7	4.8	2.4	3.0	3.0	2.4	0.1	7.6	0	4.2	7.0	4.5	0.5	0	0	2.8	0	
FF	3.0	4.8	2.6	3.0	3.0	2.4	0.1	7.6	0	4.2	7.0	4.5	0.5	0	0	2.8	0	
Ref No.	QR6001			QR6003						QR6004			QR6005					
MODE	E	C	B	1	2	3	4	5	6	1	2	3	4	5	6	E	C	B
STOP	3.7	3.7	2.6	3.0	3.0	0	3.0	3.0	0	3.0	0	-1.3	3.0	3.0	2.9	3.0	0	3.0
PLAY	3.7	3.7	2.6	3.0	3.0	0	3.0	3.0	0	3.0	3.0	2.9	3.0	0	-1.0	3.0	0	3.0
FF	3.7	3.7	2.6	3.0	3.0	0	3.0	3.0	0	3.0	3.0	3.0	3.0	0	-1.0	3.0	0	3.0
Ref No.	QR6007			QR6008			QR6009			QR6011			QR6012			QR6013		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP	0	0	2.9	3.3	3.4	4.8	0	3.0	0	3.0	0	3.0	7.0	7.0	0	3.0	3.0	0
PLAY	0	0	2.9	3.3	3.4	4.8	0	3.0	0	3.0	0	3.0	7.0	7.0	0	3.0	3.0	0
FF	0	0	2.9	3.3	3.4	4.8	0	3.0	0	3.0	0	3.0	7.0	7.0	0	3.0	3.0	0
Ref No.	QR6014			QR6050														
MODE	E	C	B	1	2	3	4	5										
STOP	0	7.3	0	0	0	0	0	0										
PLAY	0	7.3	0	0	0	0	0	0										
FF	0	7.3	0	0	0	0	0	0										



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK △ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

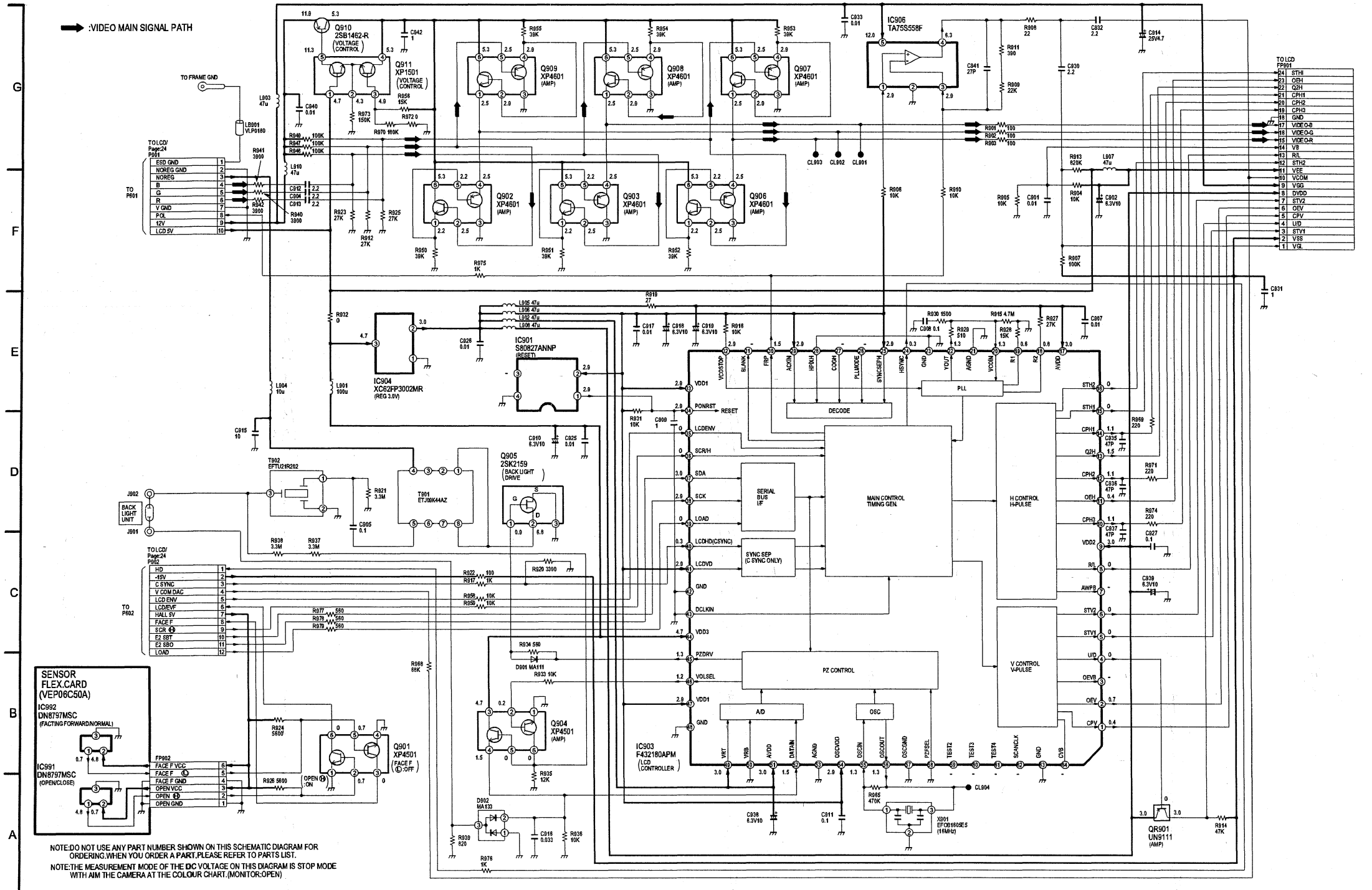
NOTE: MULTILAYER C.B.A.
THIS C.B.A. IS Multi-Layer C.B.A. THIS CIRCUIT BOARD SHOWS COMPONENT LAYOUT-PATTERN FOR COMPONENT SIDE AND FOIL SIDE. LAYOUT-PATTERNS ARE SINGLE PATTERN FOR EACH SIDE THAT MAKE EASY TO SIGHT THE COMPONENT LAYOUT.

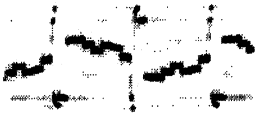
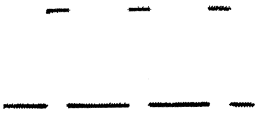
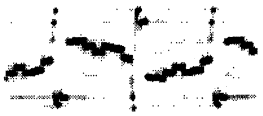
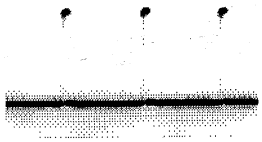
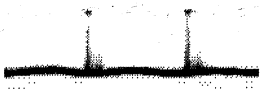
(COMPONENT SIDE)

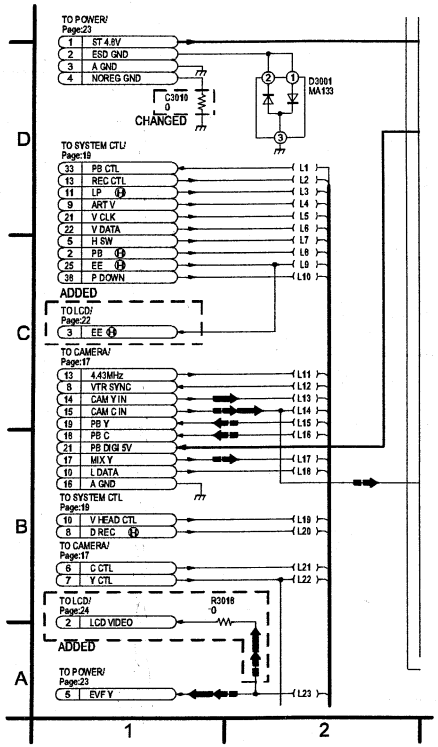


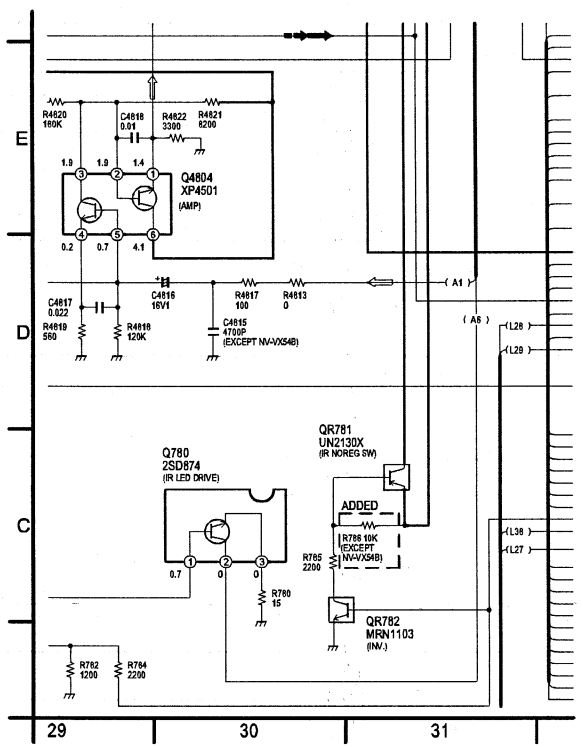
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS,USE ONLY THE SAME TYPE.

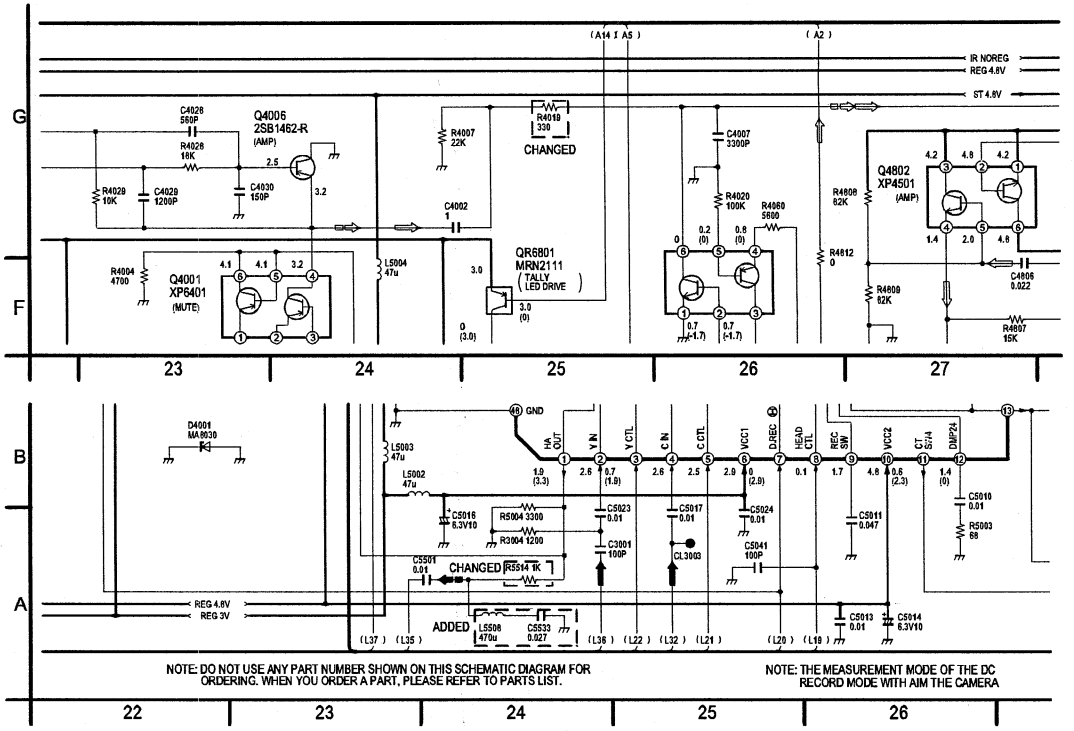
NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.
NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.


:VIDEO MAIN SIGNAL PATH
Q910 2SB1462-R (VOLTAGE CONTROL)
Q911 XP1501 (VOLTAGE CONTROL)
Q909 XP4601 (AMP)
Q908 XP4601 (AMP)
Q907 XP4601 (AMP)
Q902 XP4601 (AMP)
Q903 XP4601 (AMP)
Q906 XP4601 (AMP)
IC906 TA75S558F
IC904 XC62FP3002MR (REG 3.0V)
IC901 S80827ANNP (RESET)
IC903 F432180APM (LCD CONTROLLER)
Q905 2SK2159 (BACK LIGHT DRIVE)
Q904 XP4501 (AMP)
Q901 XP4501 (FACE F. (L):OFF)
QR901 UN9111 (AMP)
T902 EFTU1R202
T901 ET J69K44AZ
D901 MA111
D902 MA133
X901 EFOB1605E5 (16MHz)
TO FRAME GND
TO LCD/ Page:24 P601
TO P601
TO LCD/ Page:24 P602
TO P602
TO LCD FP901
BACK LIGHT UNIT
J802
J801
ESD GND
NOREG GND
NOREG
B
G
R
V GND
POL
12V
LCD 5V
HD
-16V
C SYNC
V COM DAC
LCD ENV
LCD/EVF
HALL 5V
FACE F
SCR
E2 SBT
E2 SBO
LOAD
STH
CEH
Q2H
CPH1
CPH2
CPH3
GND
VIDEO-B
VIDEO-G
VIDEO-R
VB
R/L
STH2
VEE
VCOM
VGG
DVDD
STV2
OEV
CPV
U/D
STV1
VSS
VGL
SENSOR FLEX.CARD (VEP06C50A)
IC992 DN8797MSC (FACTING FORWARD:NORMAL)
IC991 DN8797MSC (OPEN/CLOSE)
FP902
FACE F VCC
FACE F
FACE F GND
OPEN VCC
OPEN
OPEN GND
OPEN :ON
PLL
DECODE
SERIAL BUS I/F
MAIN CONTROL TIMING GEN.
SYNC SEP (C SYNC ONLY)
PZ CONTROL
A/D
OSC
H CONTROL H-PULSE
V CONTROL V-PULSE
NOTE:DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.
NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE WITH AIM THE CAMERA AT THE COLOUR CHART.(MONITOR:OPEN)

 CL901 STOP 4.6 Vp-p (20µsec./div.) COLOUR BAR	 CL902 STOP 4.4 Vp-p (20µsec./div.) COLOUR BAR	 CL903 STOP 4.4 Vp-p (20µsec./div.) COLOUR BAR	 IC903-45 STOP 8.8 Vp-p (2µsec./div.) COLOUR BAR	 IC903-46 STOP 4.8 Vp-p (2msec./div.) COLOUR BAR
 IC601-3 STOP 1.3 Vp-p (20µsec./div.) COLOUR BAR	 IC601-20 STOP 4.8 Vp-p (20µsec./div.) COLOUR BAR	 IC601-22 STOP 4.8 Vp-p (20µsec./div.) COLOUR BAR	 IC601-24 STOP 5.0 Vp-p (20µsec./div.) COLOUR BAR	 IC601-29 STOP 3.0 Vp-p (20µsec./div.) COLOUR BAR
 IC601-37 STOP 3.6 Vp-p (20µsec./div.) COLOUR BAR	 IC601-39, 40, 41 STOP 2.8 Vp-p (5msec./div.) COLOUR BAR			

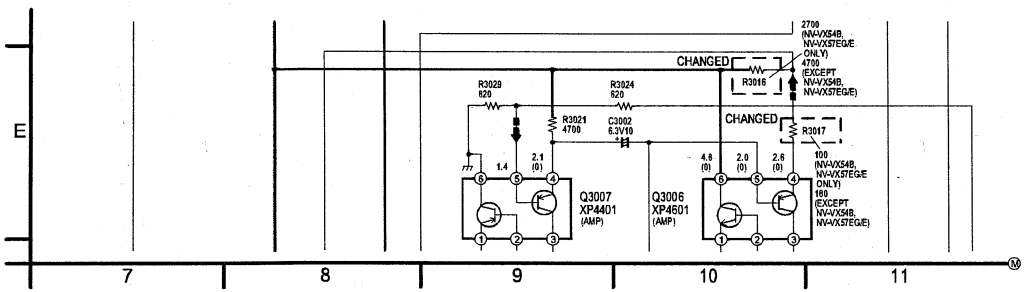


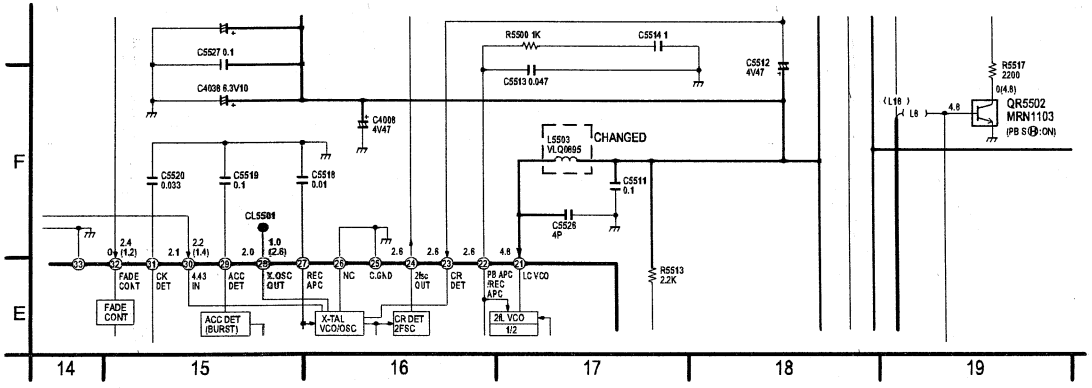


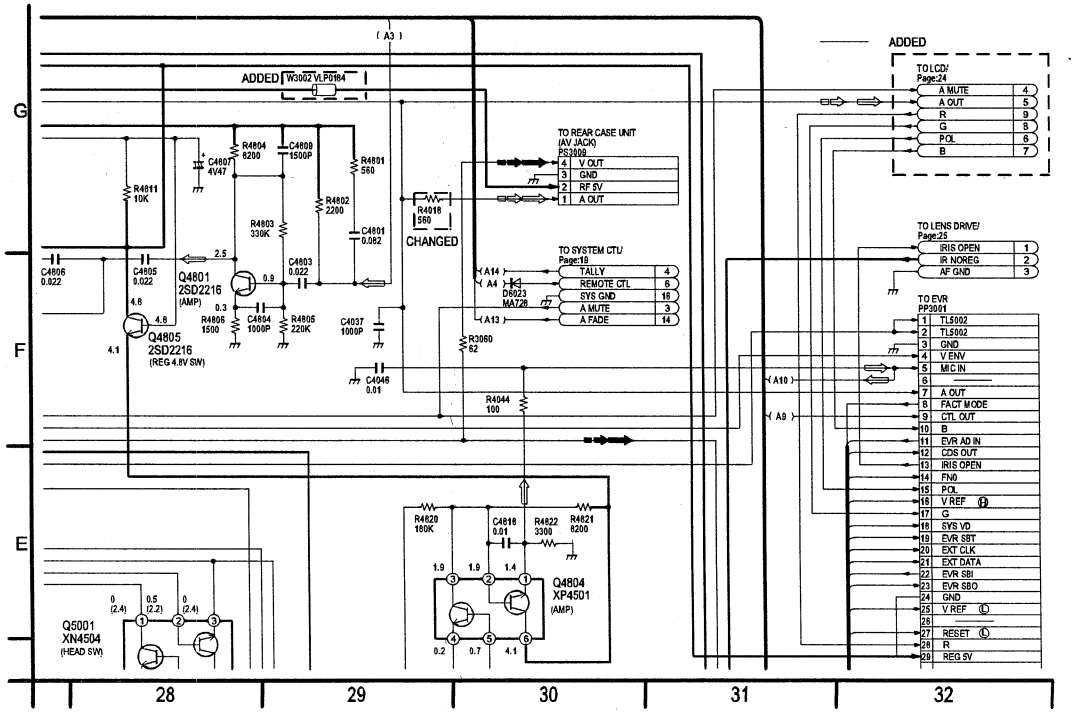


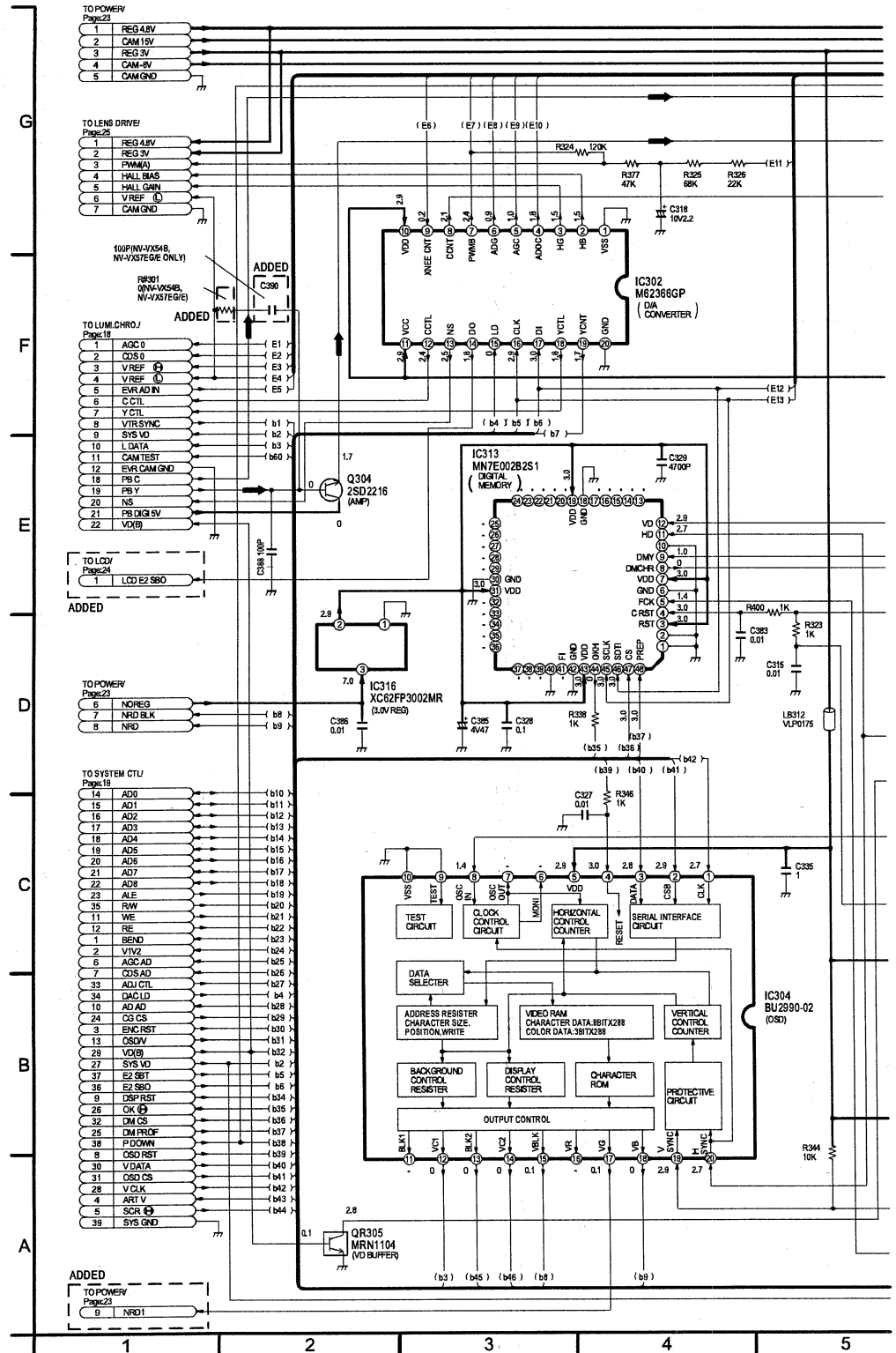
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NOTE: THE MEASUREMENT MODE OF THE DC RECORD MODE WITH AIM THE CAMERA.








TO POWER/ Page:23
REG 4.8V
CAM 15V
REG 3V
CAM-8V
CAM GND
TO LENS DRIVE/ Page:25
REG 4.8V
REG 3V
PWM(A)
HALL BIAS
HALL GAIN
V REF
CAM GND
100P(NV-VX54B, NV-VX57EG/E ONLY)
RR301 0(NV-VX54B, NV-VX57EG/E)
ADDED
C390
TO LUM/.CHRO./ Page:18
AGC O
CDS O
V REF
V REF
EVR AD IN
C CTL
Y CTL
VTR SYNC
SYS VD
L DATA
CAM TEST
EVR CAM GND
PB C
PB Y
NS
PB DIGI 5V
VD(B)
TO LCD/ Page:24
LCD E2 SBO
C398 100P
IC302 M62366GP (D/A CONVERTER)
VDD XNEE CNT CCNT PWMB ADG AGC ADOC HG HB VSS
VCC CCTL NS DO LD CLK DI VCTL YCNT GND
R324 120K
R377 47K
R325 68K
R326 22K
C318 10V2.2
IC313 MN7E002B2S1 (DIGITAL MEMORY)
C329 4700P
Q304 2SD2216 (AMP)
IC316 XC62FP3002MR (3.0V REG)
C385 0.01
C385 4V47
C328 0.1
R338 1K
R400 1K
R323 1K
C383 0.01
C315 0.01
LB312 VLP0175
TO POWER/ Page:23
NOREG
NRD BLK
NRD
TO SYSTEM CTL/ Page:19
AD0
AD1
AD2
AD3
AD4
AD5
AD6
AD7
AD8
ALE
R/W
WE
RE
BEND
V1V2
AGC AD
CDS AD
ADJ CTL
DAC LD
AD AD
CG CS
ENC RST
OSD/V
VD(B)
SYS VD
E2 SBT
E2 SBO
DSP RST
OK
DM CS
DM PROF
P DOWN
OSD RST
V DATA
V CLK
ART V
SCR
SYS GND
C327 0.01
R346 1K
C335 1
IC304 BU2990-02 (OSD)
TEST CIRCUIT
CLOCK CONTROL CIRCUIT
HORIZONTAL CONTROL COUNTER
SERIAL INTERFACE CIRCUIT
DATA SELECTER
ADDRESS RESISTER CHARACTER SIZE, POSITION,WRITE
VIDEO RAM CHARACTER DATA:8BITX288 COLOR DATA:3BITX288
VERTICAL CONTROL COUNTER
BACKGROUND CONTROL RESISTER
DISPLAY CONTROL RESISTER
CHARACTER ROM
PROTECTIVE CIRCUIT
OUTPUT CONTROL
R344 10K
QR305 MRN1104 (VD BUFFER)
ADDED
TO POWER/ Page:23
NRD1
REG 4.8V
CAM 15V
REG 3V
CAM-8V
E-LINE
REG 3V
REG 3V
LB306 VLP0175
LB302 VLP0175
LB304 VLP0175
L301 10u
C301 0.01
ADDED
C363 150P
C311 10P
L304 1.5u
C310 0.01
X301 VSX1050
C312 10P
C331 0.01
R394 330
R321 1M
VDD XO XI GND TEST1 5190/60 GNDDCG VDDDCG CSCS SDTCS SCLKCS SUB CH2 CH1 V4 V3 V2 V1
VDDAD VRT VCCAD AIN VSSAD
FMCI1 FMCI0 R313 470
PBSYNCI IE WE RSTW FMYI0 FMYI1 FMYI2 FMYI3 FMYI4 FMYI5 FMYI6 FMYI7 VDD GND
FMYO0 FMYO1 FMYO2 FMYO3 FMYO4 FMYO5 FMYO6 FMYO7
C313 CHANGED
C314 1000P
R379 820
R312 4700
R317 2700
C303 33P
1000P(NV-VX54B ONLY) 1500P(EXCEPT NV-VX54B)
C365 6.3V10
:VIDEO SIGNAL PATH
R335 560
R327 10K
R339 50K
R330 47K
R332 4700
R360 47K
R361 4700
R396 10K
C361 1
R316 330
L316 5.6u
Q201 XP4601 (AMP)
DELETED
R315 1500
CHANGED
C338 39P
C339 18P
C364 0.01
C362 0.01
C365 0.022
C367 0.022
C360 0.01
R318 180
C347 27P
C358 0.22
DSP1 DSP2 5V CCDIN GND CDS OUT1 CDS CNT PBOK CDS OUT2 AGCCNT AGCOUT DCCNT
Lev Adj
CLP